AWS Cloud Architect Master's Program

Achieve Cloud Mastery and Accelerate Your Tech Career

aws partner network
Training Partner

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KnowledgeHut: Your Catalyst for **Career Transformation**

Fast-track your career growth with KnowledgeHut. As a trusted partner in professional development since 2011, we have a proven track record of empowering professionals with in-demand skills and certifications.

With our rich legacy of facilitating workforce and career transformations, we are committed to helping you achieve your career goals. Join us and unlock new opportunities for success.

450,000+
Professionals trained

1,250+
Trainers across the globe

100+
Countries and counting

250+
Workshops every month

11,000+

Reviews from Alumni the World Over

4.8	**4.7**	**4.7**	**4.9**
★★★★★	★★★★★	★★★★★	★★★★★
Google	COURSE REPORT	facebook	switchup

Fast-Track Your
Cloud Architect Career

Unlock limitless career opportunities in the dynamic world of AWS with KnowledgeHut's AWS Cloud Architect Master's Program. Gain essential skills and knowledge required to succeed in the AWS ecosystem.

Our comprehensive program starts with Linux fundamentals and cloud essentials, ensuring you grasp core concepts. Dive into modules covering AWS Certified Solutions Architect Associate, DevOps fundamentals, Cloud Migration, and Security. Master the latest AWS Cloud Practitioner (CLF-C02) and choose your specialization between AWS Certified SysOps Administrator Associate or AWS Certified Developer Associate, tailoring your learning journey to align with your goals. As a bonus, enhance your technical skills with a complimentary Python programming course, opening doors to wider opportunities.

You will also receive dedicated job assistance and access to KnowledgeHut's extensive network of 5,000+ hiring partners for enhanced career opportunities.

Experience comprehensive training with real-world scenarios and industry-grade projects. Our program is led by experienced instructors and mentors who provide invaluable guidance and insights throughout your learning journey.

Gain hands-on experience and apply your skills effectively to real-world situations, preparing you for success in the industry. With their expertise and support, you'll have the opportunity to learn from their practical experiences and gain valuable insights that go beyond the classroom. Our instructors and mentors are dedicated to your success and are always available to answer your questions, provide guidance, and help you excel in your training.

Program
Highlights

- ✓ 32 Hours Instructor-Led Training by Cloud Expert, Dustin Brimberry

- ✓ Additional 24 Hours Live Instructor-Led Training on Cloud Security Migration*

- ✓ 76+ Hours of On-Demand Learning

- ✓ 70+ Hours of Browser-Based Cloud Labs

- ✓ 460+ Hands-On Exercises and 16 Assignments

- ✓ 1550+ Recall Quiz Questions and 11 Assessments

- ✓ 20 Real-World Capstone Projects**

- ✓ 5 Mock Exams to Ace the AWS Exams

- ✓ Additional 2 Mock Exams to Boost CFL-C02

- ✓ Exam Prep 23 Diagnostic Evaluations

- ✓ 10 Top-Notch Complimentary Courses Worth US$ 6000

*Note: (1) *Live Training - 24 Hours if both electives are chosen (2) ** Capstone Projects - 20 Projects if both electives are chosen*

By the End of this Course, You Will Be Able To:

✔ Develop a solid understanding of Linux fundamentals, including history, distributions, and basic concepts.

✔ Gain mastery on fundamental Cloud concepts.

✔ Understand how DevOps leverages automation to streamline processes, and increase productivity.

✔ Understand the concept of Docker and its role in containerization, along with Kubernetes architecture.

✔ Understand the AWS Shared Responsibility Model and its implications for security in the Cloud.

✔ Prepare to ace AWS Solutions Architect Associate Exam

✔ Prepare to ace AWS Certified Developer Associate or AWS Certified SysOps Administrator Associate Exam

Fast-Track Your Growth with
Globally Recognized Certifications

AWS Cloud Practitioner

AWS Solutions Architect – Associate

AWS SysOps Administrator

AWS Developer Associate

Tap Into the High Demand for
AWS Cloud Architects

#1

Top Enterprise
Architecture Certification

CIO

#3

15 Top Paying
IT Certifications

Forbes

Career Impact

$125,018

Average Annual Salary
of a Solutions Architect

glassdoor

6%

Annual job growth for Solutions
Architect (2020 to 2030)

BLS

Popular across industries

Technology   Automobile   Aerospace   Oil & Gas   Consulting   Finance

Sources: US Bureau of Labor Statistics, Glassdoor

The
KnowledgeHut Edge

Comprehensive Coverage

From Linux fundamentals to AWS Solutions Architect certification,
the program offers a holistic learning experience in cloud computing.

Hands-on Practical Approach

Gain real-world experience through labs and projects, with tools
like AWS IAM, Amazon S3, AWS Database Migration Service and more.

Pathway to Cloud Careers

Start from the fundamentals and progress to AWS Solutions Architect with
a clear learning path aligned with your career goals.

Focus on DevOps and Automation

Master essential DevOps practices and tools like continuous improvement,
automation, and Jenkins for efficient software delivery.

Cloud Migration and Security

Learn about AWS Database Migration Service, migration methodologies,
and best practices for secure cloud environments.

Complimentary Courses

Expand your expertise with 10 high-rated complimentary courses, valued
at US$ 6000.

Maximize Job-Readiness

From mastering fundamental concepts to tackling real-world challenges,
you'll build job-ready skills for a rewarding tech career.

Is This
Course for You?

Do you want the essential skills and knowledge for success in cloud computing? If so, then this course is your best bet. Learners taking this course are typically:

- Networking Professionals
- Developers
- DevOps Engineers
- System Administrators
- Network Engineers
- IT Managers
- Technical Sales
- Project Managers
- Graduates and students seeking a career in cloud computing
- Non-Tech professionals willing to transition their career into Tech

Prerequisites

There are no prerequisites to enroll for this Master's program. Any professionals from a Tech/Non-Tech or allied background are eligible to take this program.
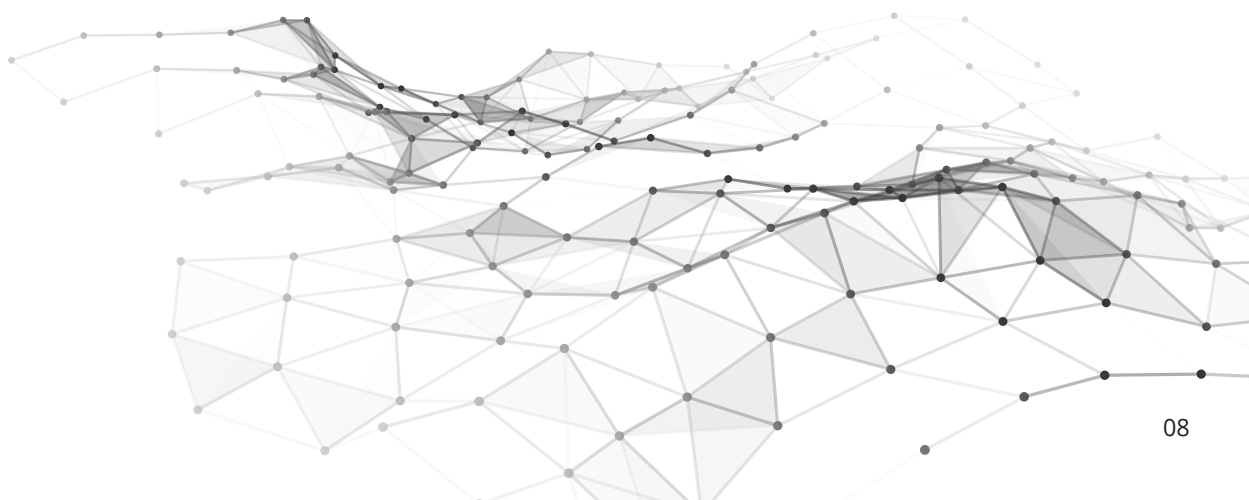
Build a Job-Worthy
Portfolio

AWS Solutions Architect - Associate

Build High-Availability Architecture

Demonstrate knowledge of architecting and deploying secure and robust applications on AWS technologies and defining a solution using architectural design principles based on customer requirements.

Optimize Cost and Resource Management

Analyze infrastructures and suggest cost-saving strategies, such as using reserved instances, spot instances, or implementing serverless architectures. Provide implementation guidance throughout the life cycle of the project.

Design Disaster Recovery and Business Continuity Plan

Design a robust backup strategy and business continuity plan, ensuring data replication across regions, and setting up automated failover mechanisms. Demonstrate knowledge of how to design secure access to AWS resources.

Design Serverless Microservices Architecture

Design a serverless microservices architecture, breaking down the application into decoupled services and incorporating real-time analytics. Provide implementation guidance based on best practices.

Kubernetes

Pass Data Using Redis-CM

Create a "redis" pod and pass data to it using "redis-cm". Explore how config maps enable data transmission between containerized workloads. Learn Kubernetes orchestration, configuration management, and integration of Redis.

Deploy a Pod with Busybox Image

In the Busybox Control Plane Kubernetes capstone, deploy a pod named "busybox-control-plane" using the Busybox image. Craft its YAML definition within "busybox-control-plane.yaml" to ensure deployment on the Control Plane.

Deploy a 10 Replica Containerized Httpd App

Deploy a scaled HTTPD app with 10 replicas labeled as "app=httpd-10". Ensure every node, including the control plane, hosts a busybox replica. Skillfully revert the cluster to Kubernetes 1.25.2 while maintaining HTTPD replica count.

Deploy Apache-Spark as a Containerised App

Swiftly deploy Apache Spark as a containerized app on an established GKE cluster. Leverage the efficiency of Google Marketplace to orchestrate an optimal Apache Spark setup.

AWS Developer Associate Training

Build a Three-tier Architecture in AWS

Design and implement a three-tier architecture in AWS, consisting of presentation, application, and data tiers. Implement load balancing and auto-scaling mechanisms for improved performance and scalability.

Auto-Encryption of S3 Buckets with AWS Lambda

Enhance data security through real-time auto-encryption of S3 buckets using AWS Lambda. Ensure instant encryption for newly added data in S3 buckets, fortifying data protection without manual intervention.

Using CloudFormation Stack Sets to Deploy DynamoDB Tables

Leverage AWS CloudFormation Stack Sets for simplified multi-region deployment of DynamoDB tables, ensuring consistent configuration and synchronization. Develop a CloudFormation template defining table schema, provisioned capacity, and global secondary indexes.

Deploying Static S3 Website Using AWS CI-CD Pipeline

Set up AWS CI/CD pipeline with CodeCommit, CodeBuild, and CodePipeline for automated static website deployment. Customize the pipeline to trigger when source code repository changes occur, ensuring streamlined and automated deployment of website updates.

Portfolio Continued

AWS SysOps Administrator Training

Track & Notify S3 Object Changes with EC2, Lambda, and SNS

Build an S3 monitoring system using Lambda, SNS, and EC2 for instant notifications on uploads and deletions. Learn event-driven architecture and integration with S3, Lambda, SNS, and EC2 for real-time tracking and notifications.

Secure VPC Architecture with Public and Private Subnets

Build a secure VPC with public and private subnets. Set up VPC peering for inter-VPC communication. Enhance VPC design and connectivity skills with a resilient network architecture featuring public-facing resources and private backend services.

Implement App Load Balancer for High Availability and Scalability

Architect a fault-tolerant, scalable web app infrastructure using AWS Application Load Balancer for high availability and resource efficiency. Master load balancing, health checks, and auto-scaling for optimal app performance.

VPC Setup for Secure Web Application Deployment

Create an AWS VPC with secure public and private subnets. Implement web app deployment in private subnets, enabling controlled internet access via a NAT Gateway in the public subnet. Master VPC setup, routing, and NAT for robust deployment.

Meet Our
Program Director

Kingson Jebaraj

Program Director, Cloud Programs

Recognized as a Most Valuable Professional by both Microsoft and Alibaba, Kingson shines bright in the AWS realm. Scoring an impressive 987 out of 1000 on his AWS Solution Architect Associate exam, Kingson has guided over 1000+ learners to AWS success, keenly committed to propelling tech professionals forward. Beyond his technical prowess, he's a gifted author, an insightful blogger, and an influential speaker.

Program
Curriculum

1. **Linux Fundamentals**

Master Linux fundamentals with our comprehensive course. Explore its history, distributions, and key concepts. Gain proficiency in the command line interface, file creation and editing, user and group management, package and process management, networking configuration, and shell scripting. Get equipped with the skills to navigate and utilize the Linux environment effectively.

On-Demand Learning

Course Author
Shobhit Nigam
Data Scientist,
19+ years of experience

Learning Objectives

- ✔ Master Linux fundamentals: history, distributions, and key concepts
- ✔ Navigate, execute commands, and manage files with Linux CLI
- ✔ Create, edit, and manipulate files using various text editors
- ✔ Manage users, groups, permissions, and file access in Linux
- ✔ Explore crucial Linux features: package management, process handling, networking, and shell scripting

Topics
- ✔ Introduction to Linux
- ✔ Linux Command Line
- ✔ Files and Directories
- ✔ Creating and Editing Files
- ✔ User, Group and Permissions
- ✔ Other Essential Features
- ✔ Processes in Linux
- ✔ Networking in Linux
- ✔ Shell Scripts

2. Understanding Fundamental Cloud Concepts

Gain a solid understanding of the core concepts and advantages of cloud computing. Through engaging lessons, you will delve into key terminology and concepts associated with cloud computing, enabling you to speak fluently about the subject. We will explore various cloud models, including public, private, and hybrid clouds, and their distinctive characteristics. Learn about Infrastructure as a Service (IaaS) and its practical applications and familiarize yourself with Platform as a Service (PaaS) and Software as a Service (SaaS), gaining insights into their specific use cases.

On-Demand Learning

Learning Objectives

- Understand cloud computing fundamentals and benefits
- Gain knowledge of key cloud terminology and concepts
- Explore public, private, and hybrid cloud models
- Learn about IaaS and its applications
- Familiarize yourself with PaaS and SaaS use cases
- Review real-world use cases and applications

Topics

- What is Cloud Computing - I
- What is Cloud Computing - II
- Benefits of Cloud Computing
- Key Concepts and Terminology
- Cloud Models: What is Public Cloud
- Cloud Models: Characteristics of Public Cloud
- Cloud Models: Characteristics of Hybrid Cloud
- Cloud Models: Characteristics of Private Cloud

- Cloud Models: Hybrid Cloud
- Cloud Models: What is Private Cloud
- Review and What Next!!
- What is IAAS?
- Use Cases of IAAS
- What is PAAS?
- Use Cases of PAAS
- What is SAAS?

3. AWS Certified Cloud Practitioner

Master the fundamentals of well-known AWS cloud services such as EC2, Lambda, S3, EBS, VPC, and RDS in this foundational course. Explore cloud concepts, delve into diverse cloud technologies, and demystify the complexities of billing and support. Acquire vital skills and achieve the esteemed AWS Practitioner Certification. The course also addresses cloud security and compliance aspects crucial for the AWS Cloud Practitioner Exam (CLF-C02), essential for various AWS certifications in cloud computing and big data.

On-Demand Learning

Course Author
Anthony Sequeira
Senior Technical Instructor,
29 Years of Experience

Course Author
Jill West
Senior Technical Instructor,
27 Years of Experience

Mock Exam Creator
Jatin Goel
Senior Technical Trainer - AAI Champion,
10 Years of Experience

Learning Objectives

- Introduction to AWS Practitioner Certification.

- Grasp foundational cloud concepts in AWS: benefits, design principles, migration, and economics.

- Explore security and compliance in AWS for robust cloud governance.

- Navigate cloud technology and services in AWS with essential skills.

- Master AWS billing, pricing, and support for effective cost management.

Topics

- Course Overview

- Introduction to Cloud Concepts

- Cloud Security and Compliance

- Cloud Technology and Services

- Billing, Pricing, and Support

4. AWS Certified Solutions Architect - Associate

In our blended hands-on course on AWS Certified Solutions Architect, you will master the art of designing and deploying scalable, fault-tolerant systems. Choose the ideal AWS services for diverse use cases and requirements and get hands-on with designing and implementing AWS networking and storage solutions. Gain expertise in deploying and managing AWS applications, including computing, databases, and serverless architectures. Gear up to clear the AWS Certified Solutions Architect (SAA-C03) exam and become a certified AWS Solutions Architect.

Instructor-Led Training and On-Demand Learning

Course Author
Mike Meyers
Cloud and Cybersecurity
Expert, 30+ Years of Experience

Course Author
Tom Carpenter
IT Veteran and Cybersecurity
Expert, 25+ Years of Experience

Chief Instructor
Dustin Brimberry
Cloud Architect, Trainer and
Speaker, 30+ Years of Experience

Learning Objectives

- Design and deploy scalable, fault-tolerant systems on AWS

- Select suitable AWS services for specific use cases

- Implement AWS networking and storage solutions

- Manage AWS applications, computing, databases, and serverless architectures

- Prepare for the AWS Certified Solutions Architect exam

Topics

- Introduction to Cloud Labs
- The Basics of Cloud with AWS
- Resilient Architectures
- High-Performance Architectures
- Secure Architectures
- Cost-Optimized Architectures
- Mock Test Papers

5. DevOps Foundation

In our comprehensive course, you will gain comprehensive knowledge of DevOps principles and processes, enabling effective implementation in your organization. Develop a strong foundation in continuous improvement, driving success and innovation in DevOps and acquire practical skills in automating software development and deployment with industry-standard tools. Master Git for efficient code collaboration, management, and version control and learn essential commands for repository navigation and conflict resolution.

On-Demand Learning

Course Author
Andreas Prins
Director of Engineering,
Mendix Data Hub,
17+ Years of Experience

Course Author
Savinder Puri
DevOps Evangelist,
20+ Years of Experience

Learning Objectives

- Implement DevOps principles for effective transformation
- Drive success in DevOps through continuous improvement
- Automate software development and deployment for efficiency
- Manage collaboration and version control with Git mastery
- Navigate repositories and resolve conflicts using essential Git commands
- Automate build and testing with Jenkins for streamlined CI

Topics

- Understanding the DevOps Process
- Continuous Improvement
- The Essential Driver Behind DevOps
- DevOps and Automation
- Introduction to Version Control with Git
- Git from the Command Line
- Everyday Git Commands
- CI with Jenkins
- CD with Jenkins
- Introduction to Provisioning and Terraform
- Working with State
- Managing Terraform with Git
- Terraform Workspaces
- Integrating a CI/CD Pipeline with Terraform
- Reusability
- Refactoring and Review

6. Docker and Kubernetes

In this course, you will explore Docker's role in containerization, its benefits, and use cases. You'll gain hands-on experience in creating, managing, and distributing containers and images and effectively run and manage Docker resources, utilizing Docker Compose for streamlined multi-container application management. Get introduced to Kubernetes, understanding its architecture, components, and node interactions.

On-Demand Learning

Course Author
Achim Munene
Software Development
Engineer, 10+ Years of experience

Course Author
Nisarg Vasavada
DevOps Industry Expert,
10+ Years of experience

Learning Objectives

- Install and configure Jenkins for continuous integration and continuous deployment (CI/CD)
- Understand Docker's role in containerization, its benefits, and use cases
- Gain knowledge of container and image creation, management, and distribution
- Explore Docker Compose for simplified management of multi-container applications and orchestration
- Get an introduction to Kubernetes, its architecture, components, and node interactions

Topics

- Installing and Configuring Jenkins
- CI with Jenkins
- CD with Jenkins
- Introduction to Dockers
- Introducing Containers and images
- Living with images and Containers
- Getting it done better with Compose
- Introduction to Kubernetes
- Kubernetes Architecture
- Working with Pods, Deployments and Replicasets
- Kubernetes Networking and Storage
- Capstone Project

7. Cloud Migration and Cloud Security

This course gives you a thorough understanding of the AWS Shared Responsibility Model and the implications it has on cloud security. Master the fundamentals of AWS Identity Access Management (IAM), including user management, permissions, roles, and policies, to ensure secure access control. Explore AWS security services like WAF, Shield, and Secrets Manager and optimize AWS security with Trusted Advisor recommendations.

Instructor-Led Training and On-Demand Learning

Learning Objectives

- Understand AWS Shared Responsibility Model and security implications
- Master AWS IAM for secure access control and user management
- Explore AWS security services (WAF, Shield, Secrets Manager) for enhanced security
- Utilize Trusted Advisor for security checks and implement recommendations
- Implement IAM best practices for secure access control
- Enhance AWS security using WAF, Shield, Secrets Manager

Topics

- Introduction to Migration
- Cloud Migration Strategies
- Assessment: Quiz
- AWS Migration Services
- Virtual Machine Migration
- Homogeneous and Heterogenous Concepts explained
- Database Migration
- AWS Cloud Adoption Framework
- AWS Shared Responsibility Model
- Identity Access Management
- AWS WAF, AWS Shield, AWS Secrets Manager Trusted
- Advisor Security Checks

8. Elective 1: AWS Certified SysOps Administrator - Associate

In our comprehensive course, you will gain the knowledge and skills to deploy, manage, and operate scalable and fault-tolerant systems on AWS. Understand how to effectively monitor and troubleshoot AWS applications and services for optimized performance. Discover the usage of AWS management tools such as CloudFormation, Systems Manager, and Config for streamlined management and governance. Develop expertise in deploying and managing AWS applications and services, including computing, databases, and serverless architectures. Prepare confidently for the AWS Certified SysOps Administrator Associate exam by mastering the exam objectives and ensuring success in your certification journey.

Live Instructor-Led Training and On-Demand Learning

Learning Objectives

- Deploy, manage, and operate scalable systems on AWS
- Monitor and troubleshoot AWS applications for optimal performance
- Utilize AWS management tools (CloudFormation, Systems Manager, Config) for streamlined management
- Gain expertise in deploying and managing AWS applications and services
- Prepare for the AWS Certified SysOps Administrator Associate exam

Topics
- Overview of AWS
- Monitoring, Metrics and Logging
- Networking
- Cost Optimization in AWS
- Security and Compliance
- Data Management for SysOps
- Scalability and Availability
- Deployment and Provisioning
- Preparing for Exam

9. Elective 2: AWS Certified Developer Associate

In our comprehensive course, you will learn how to develop and deploy applications on AWS using a variety of services and APIs. Gain proficiency in using AWS developer tools like CodeDeploy, CodeCommit, and CodePipeline to streamline your development workflows. Discover the power of AWS Lambda for building serverless applications and develop expertise in the end-to-end process of developing, deploying, and managing AWS applications and services. Our course also prepares you for the AWS Certified Developer Associate exam, equipping you with the knowledge and skills needed to succeed in the certification journey.

Live Instructor-Led Training and On-Demand Learning

Learning Objectives

- Develop and deploy applications on AWS using services and APIs
- Utilize AWS developer tools (CodeDeploy, CodeCommit, CodePipeline)
- Build serverless applications with AWS Lambda
- Prepare for the AWS Certified Developer Associate exam

Topics

- Introduction
- Required Tools
- Amazon Web Services (AWS) Basics
- Amazon Elastic Computer Cloud (Amazon EC2)
- Amazon Simple Storage Service (Amazon S3)
- Amazon Web Services (AWS) CloudFormation
- Amazon DynamoDB
- Amazon Virtual Private Cloud (VPC)
- Amazon Web Services (AWS) Identity and Access Management (IAM)
- Amazon Web Services (AWS) Lambda
- Amazon Web Services (AWS) Databases
- Amazon Web Services (AWS) Key Management Service (KMS)
- Amazon Simple Workflow (SWF)
- Amazon Simple Queue Service (SQS)
- Amazon Simple Notification Service (SNS)

Complimentary
Courses

1. **Linux Network Administration**

Master Linux system administration and command line skills, gaining a solid understanding of Linux fundamentals. Explore the power of Linux as an open-source operating system, enabling you to effectively manage networks and navigate file systems with practical examples.

On-Demand Course   4.6 ★ ★ ★ ★ ★ I 5 Hrs 47 Mins

Author:
Imran Afzal
Systems Engineer, Entrepreneur, Instructor, and a Public Speaker

2. **Job-Ready SQL in an Afternoon**

Master SQL for seamless data handling and Python integration. Gain fundamental and advanced knowledge, prepare for technical interviews and unlock the potential of dynamic systems.

On-Demand Course   4.8 ★ ★ ★ ★ ★ I 6 Hrs 14 Mins

Author:
Maximilian Schallwig
Data Engineer and Python Programmer

3. **Complete Python Course with 10 Real-World Projects**

Master Python's multi-paradigm programming, from basics to advanced concepts. Build apps, handle databases, create visualizations, and become proficient in coding syntax, enabling independent development of comprehensive and executable Python programs.

On-Demand Course   4.6 ★ ★ ★ ★ ★ I 27 Hrs 7 Mins

Author:
Ardit Sulce
Python Programmer, Teacher, and Founder of PythonHow

4. DevOps Project 2023: CI/CD with Jenkins, Ansible and Kubernetes

Master the integration of popular DevOps tools like GitHub, Jenkins, Docker, Ansible, and Kubernetes to build and deploy real-world projects. Gain the confidence to set up end-to-end CI/CD pipelines and deploy Java applications on AWS, unlocking the power of seamless development and deployment.

On-Demand Course   4.7 ★ ★ ★ ★ ★   I 6 Hrs 14 Mins

Author:
A.R. Shankar
AWS and DevOps Evangelist and Trainer

5. Becoming a Cyber Security Professional - A Beginner's Career Guide

Master the fundamentals of cybersecurity, explore diverse job roles, and gain comprehensive knowledge to kickstart your career in this high-demand field. Acquire the essential skills, certifications, and practical expertise needed to become a true cybersecurity expert. Uncover top job search sites and networking strategies to secure a rewarding career and excel in the cybersecurity industry.

On-Demand Course   4.6 ★ ★ ★ ★ ★   I 2 Hrs

Author:
Alexander Oni
Cyber Security Expert, Web Developer and Instructor

6. Cyber Security for Absolute Beginners - 2022 Edition - Part 01

Master the art of cyber security and safeguard systems from relentless cyberattacks. Explore the world of hackers, their methods, and the tools to combat them.
Gain comprehensive knowledge to become a skilled cyber security professional and defend against evolving digital threats.

On-Demand Course   4.6 ★ ★ ★ ★ ★   I 3 Hours 23 Mins

Author:
Alexander Oni
Cyber Security Expert, Web Developer and Instructor

7. Cyber Security for Absolute Beginners - 2022 Edition - Part 02

Gain a strong foundation in cyber security, focusing on networking, privacy, and malware defense. Master TCP/IP, and DNS, and safeguard online privacy. Learn advanced techniques like VPNs, Tor, anti-malware tools, backups, encryption, and social engineering defense to become a skilled cybersecurity professional.

On-Demand Course   4.6 ★ ★ ★ ★ ★   I 6 Hrs

Author:
Alexander Oni
Cyber Security Expert, Web Developer and Instructor

8. Practical Cyber Hacking Skills for Beginners

Master the art of cybersecurity, protecting computers and networks from digital threats. From Kali Linux to phishing techniques, gain hands-on skills in network security and scanning tools. Become an expert in incident response and data protection, forging a successful career in the ever-evolving world of cybersecurity.

On-Demand Course   4.6 ★ ★ ★ ★ ★   I 8 Hrs 20 Mins

Author:
Alexander Oni
Cyber Security Expert, Web Developer and Instructor

9. Becoming a Rockstar SRE

Become a rockstar Site Reliability Engineer (SRE) by mastering reliability, automation, and best practices. Learn to enhance productivity, troubleshoot outages, and elevate your SRE career with real-world examples, certifications, and interview tips.
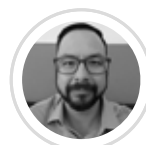
EBook   5 ★ ★ ★ ★ ★   I No. of Pages: 420

Author:
Jeremy Proffitt
Director DevOps & SRE

Author:
Rod Anami
Client Transformation SRE

10. Fun Introduction to Cloud Computing

Demystify cloud computing through relatable examples, shaping your understanding of AWS and the cloud. Follow TrendyCorp's journey and gain a clear, simplified perspective on cloud technologies.

EBook   5 ★ ★ ★ ★ ★   I No. of Pages: 358

Author:
Ashish Prajapati
Senior Technical Instructor,
at Amazon Web Services (AWS)

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Juan Carlos Ruiz
Technical Trainer at Amazon
Web Services (AWS)

Author:
Marco Tamassia
Senior Technical Instructor,
at Amazon Web Services (AWS)

Hear Straight
From Our Alumni

> **John Samberg**
>
> The AWS Cloud Architect Master's Program from KnowledgeHut transformed my career. The comprehensive curriculum, hands-on labs, and expert guidance helped me gain mastery over AWS services. I achieved the coveted AWS Solutions Architect certification and secured a high-paying job at a leading tech company. Highly recommended!

> **Sarah Martinez**
>
> The program's emphasis on practical exercises and real-world scenarios gave me the confidence to excel as an AWS Cloud Architect. The industry-aligned projects and comprehensive support provided by KnowledgeHut were instrumental in my career progression. I now lead cloud initiatives for top-tier clients. Thank you, KnowledgeHut!

> **Michael Hamilton**
>
> The AWS Cloud Architect Master's Program was fantastic. The structured modules, hands-on labs, and experienced instructors ensured a seamless learning experience. I obtained valuable certifications, enhanced my skills in cloud architecture, and landed a rewarding job with a renowned cloud service provider.

Lisa Tremblay

The program's flexible schedule allowed me to balance my full-time job while pursuing the AWS Cloud Architect Master's Program. The practical assignments and real-world projects honed my skills, making me industry-ready. I now enjoy a fulfilling career as an AWS Cloud Architect, all thanks to KnowledgeHut's comprehensive program.

David Lopez

KnowledgeHut's AWS Cloud Architect Master's Program opened doors to exciting opportunities. The curriculum, designed by industry experts, covered the latest trends and technologies in cloud architecture. The practical focus, combined with extensive support, enabled me to excel in my career and become a trusted cloud expert. I highly endorse this program.

upGrad
KnowledgeHut
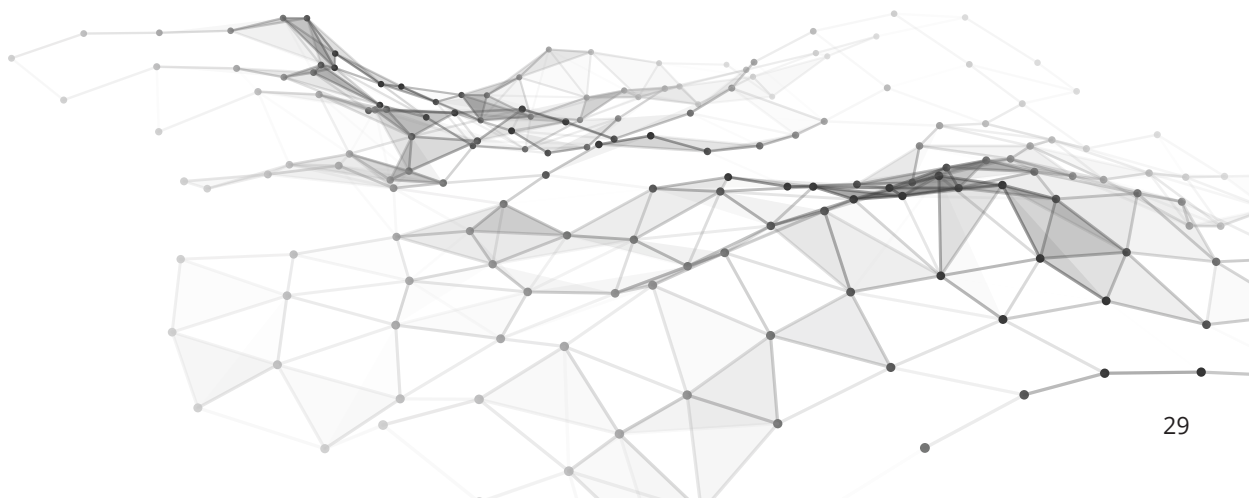
KnowledgeHut is a global ed-tech company, equipping the world's workforce with the skills of the future via immersive learning. A trusted skills transformation partner to over 4,500 organizations across 100+ countries, KnowledgeHut is the *skills* solutions provider that organizations and individuals count on to innovate faster and create progress.

450,000
Professionals
Trained

250+
Workshops
Every Month

100+
Countries and
counting

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