

# David Moore

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## Summary

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Seasoned system architect with over 10 years of experience in designing and developing complex systems. Proven ability to think outside the box and come up with innovative solutions to difficult problems. Expertise in cloud computing, big data, and machine learning.

## Experience

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### Company A, System Architect

Jan '17 - Current

- Led the design and implementation of a new data center infrastructure to support our growing business needs, including network, storage, compute, security, backup/DR solutions.
- Provided technical leadership for all aspects of project delivery from requirements gathering through deployment and post-deployment support.
- Developed detailed designs that meet functional and non-functional requirements within budget and schedule constraints.
- Assisted in developing an effective transition plan with minimal impact on existing systems and applications as well as future plans for growth or expansion of current capabilities.
- Collaborated closely with other teams such as Infrastructure Engineering (I&E), Networking & Security (N&S), Application Development (AD), Quality Assurance (QA), Product Management (PM).

### Company B, System Architect

Jan '12 - Dec '16

- Worked with the development team to create a new system architecture that improved performance by 40%
- Created an automated testing environment for all software systems, reducing time spent on quality assurance by 80%
- Collaborated with other architects and developers to design a cloud-based platform for mobile devices
- Designed and implemented a high availability cluster of web servers using Apache Tomcat and JBoss
- Developed a monitoring tool that tracked application health across multiple platforms (web, mobile, etc.)

### Company C, Computer Technician

Jan '09 - Dec '11

- Provided technical support to customers via phone, email, and in-person.
- Performed system maintenance tasks such as updating software and drivers, running system diagnostics, etc.
- Troubleshoot hardware and software issues and resolved them in a timely manner.

## Education

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### Northwestern University

Jun '10

*M.S. in Computer Science*

### University of Illinois at Urbana-Champaign

Jun '06

*B.S. in Computer Science*

## Certifications

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- Certified in Data Center Design
- Certified Information Security Manager
- Certified Cloud Architect

## Skills

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**Industry Knowledge:** Networking, Protocols, Security, Programming Languages, Data Structures, Computer Science

**Technical Skills:** Java, Python, C++, C#, Perl, PHP, MySQL, Linux, Bash, BASH

**Soft Skills:** Teamwork, Problem Solving, Communication, Leadership, Organizational Skills, Attention to Detail