

Sample Artificial Intelligence engineer Job Description

[Company X] is at the forefront of digital reinvention, helping clients reimagine how they serve their connected customers and operate enterprises. We're looking for an experienced artificial intelligence engineer to join the revolution, using deep learning, neuro-linguistic programming (NLP), computer vision, chatbots, and robotics to help us improve various business outcomes and drive innovation. The engineer will join a multidisciplinary team helping to shape our AI strategy and showcasing the potential for AI through early-stage solutions. This is an excellent opportunity to take advantage of emerging trends and technologies and make a real-world difference.

Objectives of this role

- Manage and direct processes and R&D (research and development) to meet the needs of our AI strategy
- Understand company and client challenges and how integrating AI capabilities can help lead to solutions
- Lead cross-functional teams in identifying and prioritizing key areas of a partner's business where AI solutions can drive significant business benefit
- Analyze and explain AI and machine learning (ML) solutions while setting and maintaining high ethical standards

Responsibilities

- Advise C-suite executives and business leaders on a broad range of technology, strategy, and policy issues associated with AI
- Work on functional design, process design (including scenario design, flow mapping), prototyping, testing, training, and defining support procedures, in collaboration with an advanced engineering team and executive leadership
- Articulate and document the solutions architecture and lessons learned for each exploration and accelerated incubation
- Manage a team in conducting assessments of the AI and automation market and competitor landscape

- Serve as liaison between stakeholders and project teams, delivering feedback and enabling team members to make necessary changes in product performance or presentation

Required skills and qualifications

- Two or more years of experience in applying AI to practical and comprehensive technology solutions
- Experience with ML, deep learning, TensorFlow, Python, NLP
- Experience in program leadership, governance, and change enablement
- Knowledge of basic algorithms, object-oriented and functional design principles, and best-practice patterns
- Experience in REST API development, NoSQL database design, and RDBMS design and optimizations

Preferred skills and qualifications

- Bachelor's or master's degree in computer science or related field
- Experience with innovation accelerators
- Experience with cloud environments