

Job Description: Lead Content & Quality – Artificial Intelligence & Machine Learning

We are seeking a passionate and experienced Instructional Designer/Content Developer with deep expertise in Artificial Intelligence and Machine Learning. The ideal candidate will lead the design, development, and delivery of innovative learning content focused on AI/ML concepts, tools, and real-world applications. This role demands close collaboration with subject matter experts, and educators to transform complex machine learning and AI topics into engaging, accessible, and outcomes-driven learning experiences.

Key Responsibilities

- **Curriculum Design:** Design and develop comprehensive AI and ML learning paths, covering foundational to advanced topics, including supervised/unsupervised learning, deep learning, model deployment, and ethical AI.
 - **Content Creation:** Develop high-quality instructional materials including theory lessons, hands-on labs, coding notebooks (Jupyter/Colab), real-world projects, assessments, and explainer videos.
 - **Storyboarding and Scripting:** Create detailed storyboards and scripts for e-learning modules, ensuring technical depth, pedagogical structure, and learner engagement.
 - **Collaborate with SMEs:** Work closely with internal and external AI/ML experts to ensure content is accurate, current, and aligned with industry standards.
 - **Stay Current:** Continuously research and integrate emerging trends and tools in machine learning, deep learning, generative AI, MLOps, and responsible AI practices.
 - **Assessment & Evaluation:** Design effective quizzes, coding challenges, and capstone projects to evaluate both theoretical understanding and practical implementation skills.
 - **Platform Integration:** Optimize content for use on various learning platforms (LMS, cloud-based coding environments, and AI playgrounds like Hugging Face or Vertex AI).
 - **Learner-Centric Design:** Ensure content is suitable for learners across different levels (beginner to advanced) using instructional design frameworks such as ADDIE or Bloom's Taxonomy.
 - **Mentorship & Quality Review:** Conduct technical reviews, train instructors/facilitators, and mentor junior content developers to uphold instructional quality and consistency.
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Key Qualifications

- **Education:** Bachelor's or Master's degree in Computer Science, Data Science, Artificial Intelligence, or a related field.
- **Experience:** 3–5 years in instructional design, content development, or technical training in AI/ML domains.
- **Technical Expertise:**

- **Core Concepts:** Linear algebra, statistics, data preprocessing, feature engineering, model evaluation
 - **ML Frameworks:** scikit-learn, TensorFlow, PyTorch, XGBoost
 - **Deep Learning:** CNNs, RNNs, LSTMs, Transformers
 - **Programming:** Python, Jupyter Notebooks
 - **Deployment & Tools:** Flask, Docker, Streamlit, Hugging Face, cloud platforms
 - **Soft Skills:** Excellent communication, writing, and storytelling abilities with the capability to simplify complex AI/ML topics.
 - **Pedagogical Knowledge:** Familiarity with adult learning theories and instructional design models (ADDIE, SAM, Bloom's Taxonomy).
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Preferred Qualifications

- Experience with generative AI, LLMs (e.g., GPT, BERT), and prompt engineering.
 - Exposure to real-time ML applications (e.g., recommendation systems, NLP, computer vision).
 - Prior experience as a Data Scientist or Machine Learning Engineer.
 - Knowledge of ethical AI, fairness, and explainability frameworks.
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Location

Open for: DelhiNCR /Bangalore

Travel Requirements

Must be willing to travel for in-person trainings, workshops, and stakeholder reviews as required.