

AI Architect

Information Technology / Engineering

 Chennai, India | Hybrid | Date Posted: 23 March 2026

 **Employment Type :** Full Time, Permanent

JOB CODE : AIARCITEC-JD-0001 **Years of Experience:** 3-4 years

AI Architect (3-4 Years Experience)

A dynamic and experienced AI Architect to join a cutting-edge e-technology team in Chennai, What then candidate will design, develop, and implement AI solutions tailored to business needs

Key Responsibilities

Design and develop AI and machine learning (ML) models to solve complex business problems

Architect end-to-end AI systems, including data collection, model building, and deployment

Lead the integration of AI solutions with business applications and platforms

Collaborate with data scientists, engineers, and business stakeholders to understand requirements and deliver AI solutions

Ensure the scalability performance, and security of AI solutions

Drive innovation in AI technologies, staying updated with the latest advancements in AVML

Required Skills

Strong experience in machine learning frameworks like TensorFlow, PyTorch, or Keras

Proficiency in programming languages such as Python, R, or C++

Hands-on experience with data preprocessing feature engineering and model evaluation

Familiarity with cloud platforms like AWS, Azure, or Google Cloud for deploying and scaling AI solutions

Experience with natural language processing (NLP), computer vision, and deep learning techniques

Experience with MLOps practices, including CVCD for ML models, model monitoring and management

Preferred Skills

Cloud certifications (AWS, Azure, Google Cloud)

Experience with AI/ML operations (MLO) tools like MLFlow, Kubeflow or SageMaker

Experience with AI/ML operations (MLOps) tools

Knowledge of big data technologies such as Apache Spark, Hadoop

Experience in developing AI solutions in a micro-services architecture

Familiarity with AI ethics, governance, and responsible AI practices

Qualifications

Bachelor's degree in Computer Science, Artificial Intelligence, Machine Learning or a related field (B.Tech/BE – Bachelor of Technology/Engineering MCA)

Certifications (If Any)

- AWS Certified Machine Learning–Specialty
- Microsoft Certified Azure AI Engineer Special
- Google Cloud Certified–Professional Machine Learning Engineer