

Job Title – Architect - Gen AI

Logixal is an application software services company specializing in Digital Commerce, eBanking, CRM, Artificial Intelligence, Machine Learning, TensorFlow and Large Language Model (LLM) Domains. We provide omni channel solutions for Retail, Luxury Goods, Financial Services, Media, Publishing, Telecom and Subscription Model based businesses. We are Partners in Excellence with enterprises seeking to enhance and transform their business models. Our focused investments in solution accelerators and evolving technologies help achieve superior business outcomes. The experience and proven capabilities of our talented team of over 100 professionals enables them to exceed customer expectations.

Our customers, spread across the United States, Europe, Middle East, Africa and Asia, are supported from our Offices in India, UK and the USA. In the last 10 years, we have a 100% track record of successfully extending and implementing product software for various enterprises. Logixal is known to deliver superior total cost of ownership (TCO) in Re-platforming / Upgrades as well as Greenfield implementation projects.

Architect - Gen AI: The Gen AI Architect will be part of the GENAI Digital Commerce Team, responsible for defining the architecture, strategy, and governance of AI-powered solutions across eCommerce and Digital platforms. This role will lead the design and implementation of enterprise-scale Gen AI solutions, leveraging Large and Small Language Models (LLMs) and AI services such as OpenAI, Claude, Grok, Gemini, Perplexity, ElevenLabs, and Ollama. The Architect will collaborate closely with engineering teams, data scientists and other stakeholders to deliver scalable, secure & high-performance AI systems.

Responsibilities:

- Define end-to-end architecture for Gen AI-powered applications and platforms.
- Design scalable, secure, and resilient AI solution architectures aligned with business goals.
- Select and standardize **LLM** platforms, **frameworks**, and tooling across the organization.
- Establish architectural patterns for RAG, agents, fine-tuning, prompt orchestration, and inference pipelines.
- Lead adoption of Gen AI tech including **OpenAI, Gemini, Claude, Grok, Perplexity, ElevenLabs, and Ollama**.
- Drive model selection, fine-tuning strategies, and optimization approaches.
- Define best practices for AI performance, cost optimization, latency, and scalability.
- Address AI governance challenges including model drift, bias, explainability, and compliance.
- Architect and oversee deployment of AI systems on **AWS, Azure, or GCP**.
- Define **MLOps** architecture for CI/CD, model lifecycle management, monitoring, and retraining.
- Establish standards for containerization, orchestration & infrastructure automation using Docker & Kubernetes
- Design API-first and microservices-based architectures to integrate AI with front-end and backend systems.
- Define architecture for data pipelines, feature stores, and vector databases.
- Guide teams on data preprocessing, storage, and retrieval for AI training and inference.
- Ensure integration with **NoSQL** and relational databases (**PostgreSQL, MongoDB, etc.**).
- Review designs, conduct architectural governance, and ensure adherence to standards.

Qualification and Experience:

- Minimum 10+ years of overall software engineering experience, with 4+ years in **AI / ML / Gen AI** solutions.
- Proven experience designing and delivering enterprise-scale AI architectures.
- Strong hands-on knowledge of Gen AI platforms: OpenAI, Gemini, Claude, Perplexity, Grok, Ollama, ElevenLabs.
- Expertise in **Python** and/or **JavaScript** for AI and platform development.
- Deep understanding of ML frameworks (**TensorFlow, PyTorch, Scikit-learn, Keras**).
- Strong experience with MLOps, DevOps, CI/CD pipelines, and cloud-native architectures.
- Hands-on experience with cloud services (AWS, Azure, GCP).
- Experience in eCommerce, Digital Commerce, or Digital Banking is highly preferred.
- Bachelor's degree in Computer Science (Master's preferred).
- Excellent verbal and written communication skills.
- Strong ability to influence architectural and business decisions & Customer-centric & outcome-driven mindset.

Location: Bengaluru / Mumbai

For more information please visit the website - <http://www.logixal.com>

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