



MANISH KUMAR MAURYA

Senior technical lead



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[Bold Profile](#)

EDUCATION

B.Tech, Computer Science
UCER, Naini Allahabad

LANGUAGES

English

Advanced (C1)

Hindi

Advanced (C1)

PROFESSIONAL SUMMARY

AWS Certified Solutions Architect Associate and Certified AI Practitioner with 15+ years of experience. Expertise in designing and delivering cloud-native, scalable applications using Java, Spring Boot, microservices, Kafka, Docker, Kubernetes, and AWS. Hands on experience in Generative AI, Machine Learning, and Agentic AI applications with expertise in Python, TensorFlow, Keras, LangChain, LLMs, RAG, OpenAI Agent SDK, Amazon Bedrock Agent Core, LangGraph, and MCP Server. Built enterprise AI/ML solutions including AI-powered chatbots, RAG-based apps, and intelligent Agentic AI systems. Leveraging GitHub Copilot to accelerate development, improve code quality, and enhance productivity, especially in financial services applications.

SKILLS

- Cloud & Architecture: AWS, Cloud-Native Architecture, Microservices, API Design, DevOps, CI/CD
- AI/ML & GenAI: LangChain, LangGraph, OpenAI Agent SDK, Open AI Agent builder, TensorFlow, Keras, RAG, LLMs, Amazon Bedrock, SageMaker, MLOps, Vector DB, LangFuse, LangSmith, Arize.
- Containers & Infra: Docker, Kubernetes
- Tools: Git, Bitbucket, Maven, Jenkins, SonarQube, JIRA, Splunk, Grafana, Dynatrace
- Programming: Java (17+), Python
- Embeddings, NLP, Prompt Engineering
- Databases: Oracle, MySQL, DB2, MongoDB
- Agile project management

CERTIFICATIONS & TRAINING

AWS Certified Solutions Architect – Associate

AWS Certified AI Practitioner

Generative AI Training – Nvidia

Generative AI Training – Deloitte

Hackathon: Built GenAI-powered E-commerce product search using OpenAI, LangChain, and Vector DB

WORK HISTORY

April 2019 - Current

Deloitte USI - Senior Technical Lead | Cloud & AI Solutions

- **Project: GenAI for Edward Jones**

- Developed GenAI-powered Code Review Assistant using Amazon Bedrock, LangChain, OpenSearch, and RAG pipelines.
- Enabled contextual analysis of source code against review rules and architecture guidelines.
- Implemented Lambda + API integration for real-time code review feedback.
- Delivered web-based review platform (Streamlit) improving developer productivity.

Project: FALCM (Edward Jones)

- Modernized a Fortune 500 financial services platform for better advisor/branch experience.
- Designed and implemented Java 17 + Spring Boot microservices on AWS.
- Built REST APIs, CI/CD pipelines,
- Contributed to architecture, development, and integration of large-scale systems.
- Managed team of 12 members .
- Mentored junior developers for improved coding skills and understanding of best practices, leading to increased overall code quality within the team.
- Collaborated with cross-functional teams to design and implement innovative technical solutions, fostering streamlined communication channels and efficient problem resolution.
- Developed technical solutions.

Project: M&H Digital Transformation (AXA)

- Led end-to-end delivery of integration systems for insurance digital transformation.
- Designed and delivered 8+ APIs interacting with core systems.
- Set up build & release pipelines with DevOps teams.

Project: CXP (Kroger)

- Led design and delivery of customer experience platform.
- Coordinated with business teams for loyalty, pricing, and promotions modernization.
- Earlier Projects (IBM, Etisalat, Skidata, Infinite, Capgemini, Torry Harris)
- Designed and developed enterprise applications across telecom, billing, and inter-company operations.

KEY HIGHLIGHTS

- 15+ years in Cloud-Native Architecture & Enterprise Application Development
- Hands-on with Generative AI, Machine Learning, and Agentic AI frameworks
- Strong Financial Services & Insurance domain experience
- Experienced in leading teams, mentoring developers, and driving digital transformation