ASHISH NARANG

Java Architect | 18+ Years Experience | Cloud, Microservices, AI/LLM Integration

# Professional Summary

Seasoned Java Architect with over 18 years of experience designing, developing, and deploying enterprise-scale software systems and cloud-based architectures. Expert in Java, Spring Boot, and AWS-based microservices. Recently contributed to Large Language Model (LLM) integrations using GPT-based APIs and LangChain frameworks for intelligent automation, semantic enrichment, and context-aware workflows. Proven leadership in architecture design, agile delivery, and mentoring high-performing engineering teams.

# Technical Skills

* Languages: Java, JavaScript, HTML5, SQL, Scala
* Frameworks: Spring Boot, Spring MVC, Hibernate, JPA, Dropwizard, Angular, React
* Databases: PostgreSQL, MySQL, MongoDB, DynamoDB, Oracle
* Cloud & DevOps: AWS (Lambda, ECS), Docker, Kubernetes, Jenkins CI/CD, Terraform
* AI & LLM Tools: LangChain, GPT APIs, RAG, Vector Databases (Pinecone, FAISS)
* Messaging & Integration: Kafka, JMS, ActiveMQ
* Methodologies: Agile, Scrum, TDD, Lean

# Professional Experience

Project: SCA Platform, Registry Services

Client: Veracode Inc, USA

Duration: Sept 2024 – June 2025

Role: Technical Anchor

Technical Skills: Java, Spring Boot, Postgres SQL, AWS, Elastic Search, React, Kubernetes, Docker, Helm Charts, GitLab Pipelines, GPT APIs, LangChain

Overview: Re-architecture of Software Composition Analysis (SCA) platform to identify and mitigate software supply chain risks. Introduced LLM-assisted automation for vulnerability data enrichment.

Responsibilities:

* Developed integration services consuming GPT-based APIs to summarize vulnerability descriptions and enhance search metadata.
* Contributed to registry enrichment workflows combining static analysis with AI insights.
* Worked on REST APIs delivering both system and AI-enhanced data to React-based front-end.
* Ensured secure tokenized access to LLM endpoints within AWS-based environment.

Project: COD Migration, SP(Warranty) Migration

Client: Cinch US, USA

Duration: Mar 2024 – July 2024

Role: Technical Lead

Technical Skills: Java, Spring Boot, Postgres SQL, AWS, Angular 17, GPT APIs

Overview: Migration of existing warranty management systems with new modules incorporating LLM-based utilities for improving agent workflows.

Responsibilities:

* Integrated GPT-based service to auto-generate summaries and classify warranty tickets.
* Enhanced documentation generation using LLM-powered tools.
* Supported the design of semantic APIs for intelligent data lookup and knowledge retrieval.

Project: Rights Cloud

Client: Fadel Inc, USA

Duration: Mar 2023 – Feb 2024

Role: Technical Lead

Technical Skills: Java, Spring Boot, PostgreSQL, AWS, Jenkins CI, Angular 12

Overview: Developed and maintained a content and rights management platform managing millions of digital assets in a multi-tenant environment.

Responsibilities:

* Led the design, planning, and tracking of microservices for rights and content workflows.
* Mentored offshore teams for technical delivery and integration.
* Owned CI/CD setup using Jenkins and AWS components.

# Earlier Experience (2000–2017)

* Technical Specialist – Mastek Ltd (2016–2017): Designed microservice-based solutions using Dropwizard and AWS.
* Technical Architect – Arrk Solutions (2013–2014): Developed enterprise SaaS platforms using Spring Web Services and Apache Spark.
* Technical Lead – Wipro Technologies (2005–2008): Delivered banking and financial projects for Lloyds and Barclays.
* Various roles in software design, development, and architecture across multiple domains including Retail, Banking, and Utilities.

# Education

* B.E. (Electronics), Mumbai University, 1999 – Thadomal Shahani College of Engineering
* Higher Secondary Certificate, V.G. Vaze College, Mumbai, 1995

# Certifications & Training

* Reactive Architecture – Lightbend Academy
* Hadoop and Spark Training – Mastek India
* Agile Methodologies, Angular.js, Liferay 6 – Mastek India
* Finance 101 – Wipro Technologies
* PL/SQL Training – SQLStar India