

AVANEESH KUMAR YADAV

Engineering Manager | Enterprise Integration Architect

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PROFESSIONAL SUMMARY

Engineering Manager and Enterprise Integration Architect with 12+ years of experience designing, building, and modernizing complex enterprise applications. Lead cross-functional teams across software development, microservices design, and integration architecture, aligning technical solutions with business strategy and delivery execution. Deep expertise in the Java/Spring ecosystem, API management (Apigee-X), event-driven architecture (Kafka), cloud platforms (AWS, GCP), and observability. Early adopter of Generative and Agentic AI, driving developer productivity and engineering excellence at scale.

CORE COMPETENCIES

- **Leadership & Delivery:** Engineering Management, Agile / Scrum, DevOps, Team Mentorship, Stakeholder Management, HLD / LLD, Effort Estimation
- **Languages & Frameworks:** Java (8/11), Spring, Spring Boot, Spring Batch, Spring Cloud, Spring AOP, MyBatis, Hibernate, JUnit, Mockito
- **API & Integration:** REST (JAX-RS), SOAP (JAX-WS), Apigee-X, API Gateway / Proxy, Apache Kafka (Confluent), IBM MQ
- **Architecture:** Microservices, Event-Driven Architecture, Service-Oriented Architecture (SOA), Distributed Systems
- **AI & Productivity:** Generative AI, Agentic AI Patterns, GitHub Copilot, Agent Assist
- **Cloud & DevOps:** AWS (EC2, S3, RDS, IAM), Google Cloud Platform, Docker, Kubernetes, CI/CD (Jenkins), Maven, Gradle
- **Databases:** MySQL, Oracle, DB2, PostgreSQL, BigQuery, Redis, NoSQL
- **Observability:** ELK / Elastic Stack, Grafana, Dynatrace
- **Frontend:** Angular, React, JavaScript, HTML, CSS
- **Tools:** Git, Bitbucket, JIRA, Confluence, Azure Boards, SonarQube, Postman, SoapUI

PROFESSIONAL EXPERIENCE

Engineering Manager — HashedIn by Deloitte

Jun 2022 – Present

Pune, India

- Lead architecture design, integration strategy, and agile delivery across multiple high-impact enterprise programs, ensuring scalable and secure software systems.
- Serve as Integration Lead — define HLDs and LLDs, drive architecture decisions, and align technical solutions with business outcomes.
- Spearhead development of reusable libraries and scalable services using Java, Spring Boot, REST APIs, and microservices architecture.
- Oversee API integration, orchestration, and proxy development using Apigee-X and Kafka (Confluent) for high-performance communication.
- Champion adoption of Generative AI tools (GitHub Copilot, Agent Assist); recognized as a **Vibe Coding Champion** for training and mentoring 70+ engineers on GenAI and coding best practices.
- Built a career-path and mentorship framework supporting growth for junior, senior, and lead engineers.
- Facilitate business requirement workshops, translating needs into technical user stories, estimates, and delivery plans.

Tech: Java, Spring Boot, Spring Batch, REST, SOAP, Apigee-X, Kafka, MySQL, Redis, NoSQL, Docker, AWS, GCP, CI/CD.

Lead Application Engineer — Hexaview Technologies (Client: Addepar)

Nov 2021 – May 2022

Pune, India

- Managed a 10-member team delivering an investment portfolio accounting and rebalancing application using Java 11 and React.
- Designed REST APIs to compare portfolio allocations and support data visualization and rebalancing workflows.
- Defined the tech stack and architecture for a modern web application deployed on AWS with a PostgreSQL backend.
- Introduced Test-Driven Development (TDD), improving code quality and reducing defect rates; streamlined agile processes to increase delivery speed by ~40%.

Tech: Java 11, React, AWS, PostgreSQL, Microservices, Kafka, Docker, Kubernetes, TDD.

Senior Software Engineer — Xoriant (Client: Finastra – Global PAYplus)

Jul 2019 – Oct 2021

Pune, India

- Developed components for a high-performance global payments hub (GPP-SP) built on service-oriented architecture and used by large global and domestic banks.
- Built end-to-end RESTful APIs (JAX-RS) and a JSON Schema validator using Spring Boot; implemented controller, service, and DAO layers with Spring IoC.
- Conducted code reviews, performance tuning, and defect resolution for high-traffic production systems.

Tech: Java, Spring Boot, Hibernate, Oracle, WebLogic, REST, SOAP, Kafka, Elasticsearch, Angular, IBM MQ.

Senior Software Engineer — Larsen & Toubro Infotech (Client: Principal Financial Group)

Feb 2018 – Jul 2019

Pune, India

- Built domain and integration logic for an Annuity Operational Data Store (ODS) consolidating data from multiple enterprise sources.
- Implemented MyBatis queries and RESTful services (JAX-RS), optimizing DB2 communication; integrated Spring with IBM MQ via Spring Integration.
- Created unit tests with JUnit and Mockito, ensuring high coverage and maintainable code.

Tech: Java, Spring, Spring Batch, MyBatis, DB2, WebSphere, IBM MQ, REST, JUnit, Mockito.

Associate Consultant — Syntel (Clients: FedEx, Mercedes-Benz)

Apr 2016 – Feb 2018

Pune, India

- Developed backend systems and REST services (Spring REST Template, JDBC Template) on DB2 for FedEx shipment processing (iSPI) and a Mercedes-Benz parts reporting platform.
- Designed interactive, data-driven UI components using AngularJS, HTML, and JavaScript.
- Implemented microservices-based architecture and standardized exception handling.

Tech: Java, Spring 4.x, JAX-WS, JAX-RS, AngularJS, DB2, Oracle, WebLogic, WebSphere.

Software Engineer — NextGenVision Technology Pvt. Ltd.

Aug 2013 – Feb 2016

Noida, India

- Designed and developed RESTful APIs using Spring Boot and JAX-RS, integrating JSON and XML data models for enterprise banking systems.
- Built a JSON Schema validator and implemented automated testing with JUnit and Mockito.
- Contributed to defect resolution, performance improvement, and change-request implementation.

Tech: Java, Spring Boot, REST, JSON, XML, JUnit, Mockito, DB2.

EDUCATION

Bachelor of Technology (B.Tech), Computer Science & Engineering

Institution of Electronics and Telecommunication Engineers (IETE), New Delhi | 2013

CERTIFICATIONS & RECOGNITION

- Apigee API Platform Specialization
- Vibe Coding Champion — GenAI Enablement, HashedIn by Deloitte