

Deepesh Kumar Gupta

Lead Developer II
Full Stack Engineer
Cloud & Microservices Specialist
B.Tech in Electronics & Communication Engineering
HRBR Layout, Bengaluru
Mobile: 8981300536
Email: deepesh.gupta@delta.com



Professional Summary

Experienced Lead Full Stack Developer with 11+ years of expertise in designing, developing, and delivering enterprise-grade applications using Java, Spring Boot, Microservices, and AWS Cloud. Demonstrated success in leading engineering teams, modernizing large-scale systems, optimizing performance, and implementing automation across CI/CD pipelines. Strong background in observability, monitoring, troubleshooting, and improving system resiliency using tools like CloudWatch, Dynatrace, Sumo Logic, and PagerDuty. Known for leading from the front by setting high technical and delivery standards, mentoring team members, and ensuring continuous availability. Skilled in building secure, scalable, and customer-focused solutions with end-to-end ownership across SDLC, while extensively leveraging AI tools and MCP Servers to accelerate development workflows, enhance engineering productivity, and align delivery with speed-to-market goals.

Technical Skills

Programming: Java 11/17, Java EE, JavaScript (ES6+), TypeScript, Node.js, HTML5, CSS3

Cloud Platforms: AWS (EC2, S3, RDS, Lambda, SQS, SNS, API Gateway, CloudWatch, CloudFormation, IAM, EKS, ECS)

Observability & Monitoring: AWS CloudWatch, Dynatrace, Sumo Logic, PagerDuty, Grafana

DevOps & CI/CD: Jenkins, GitLab CI/CD, GitHub Actions, AWS CodePipeline, Docker, Kubernetes

Frameworks: Spring Boot, Spring MVC, Spring Security, Hibernate, Microservices, REST, React, React Native

Databases: MySQL, PostgreSQL, Oracle, DB2, DynamoDB

Tools: IntelliJ, Eclipse, Git, GitLab, GitHub, SVN

Testing: JUnit, Mockito, JMeter, Selenium

Methodologies: Agile, Scrum, Waterfall

Work Experience

Senior Lead Full Stack Developer | Delta Airlines

DAL Global Technology Hub LLP | 05/2022 – Present

- Leading development and modernization of core airline applications using Java, Spring Boot, Microservices, and AWS.
- Designed scalable architecture with event-driven microservices and secure API patterns.
- Enhanced system observability using AWS CloudWatch, Dynatrace dashboards, and PagerDuty alert workflows.
- Implemented automated monitoring pipelines with Sumo Logic for log analytics.
- Built React and TypeScript-based user interfaces improving performance and usability.
- Owned end-to-end SDLC including requirement gathering, development, deployments, and production support.

Senior Full Stack Developer | 365 Retail Markets

Nous Info Solutions | 06/2020 – 05/2022

- Built scalable microservices for vending automation solutions with Java, Spring Boot, and AWS.
- Enhanced systems with monitoring integrations using CloudWatch and log analytics.
- Developed interactive front-end applications using React and TypeScript.
- Automated build, deployment, and code quality processes using Jenkins and Gradle.

Senior Full Stack Developer | MHP – Porsche AG

Sapres (Frankfurt, Germany) | 07/2018 – 03/2020

- Designed EV charging service backend using microservices and cloud-native architecture.
- Integrated monitoring and performance dashboards using Dynatrace.
- Built Angular applications for admin and fleet management.
- Developed REST APIs and ensured secure authentication workflows.

Senior Developer | CITI Bank

Cognizant (CTS) | 04/2016 – 06/2018

- Developed Global Positioning Data Warehouse with Java, Spring, Kafka, React, and AWS.
- Integrated observability pipelines and automated deployments through CI/CD processes.
- Contributed to test automation using JUnit and Selenium.

Full Stack Developer | Kifiya Financial Tech

CMC & TCS | 06/2014 – 01/2016

- Developed scalable tax filing platform for Bhutan government services.
- Owned development, deployment, and production support responsibilities.
- Developed Unified Billing System integrating multiple utilities using Java and Spring MVC.
- Performed requirement analysis, backend development, and production releases.

Junior Developer | Assam Government

CMC & TCS | 12/2013 – 06/2014

- Developed workflow-based digital file management system (SLPO).
- Enhanced document approval automation and improved operational efficiency.

Junior Developer | Belgacom

PCS Global | 06/2013 – 12/2013

- Worked on IPTV platform including VOD, PVR, and subscriber management.
- Developed Java and Spring-based modules with Oracle backend.

Education

B.Tech in Electronics & Communication Engineering – 2013

West Bengal University of Technology

Certifications and Recognition

1. Unstoppable Awards in Delta Airlines (5 Gold + 1 Platinum)
2. Oracle Certified Java Programmer (Java SE6)
3. Star Award – CTS (2017)
4. Excellence Award – CMC & TCS (2013–2014)

Languages

English (Fluent), Hindi (Fluent), German (Intermediate)