Vaibhav Kumar Gupta

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Professional Summary

Full Stack Developer with 6+ years of experience building and optimizing cloud-native microservices and enterprise applications within the heavily regulated Banking and Fintech domains. Expert-level proficiency in Java, Spring Boot, Spring Security, React, and AWS. Highly skilled in implementing modern DevOps pipelines utilizing Kubernetes, Docker, and Terraform (Infrastructure as Code). Deep expertise in secure application development (OAuth2, JWT) and real-time data messaging with Apache Kafka. Proven record of boosting system performance by 40% and developing data-driven dashboards that generated $1 Billion in annual savings. Adept at translating complex business requirements into resilient, high-performing solutions.

Technical Skills

- **Programming:** Java 8+, JavaScript, HTML, CSS, SQL, Shell Scripting
- **Frameworks & Libraries:** Spring Boot, Hibernate, React, Angular, GraphQL, Bootstrap, jQuery, Thymeleaf
- **Cloud & Big Data:** AWS, Azure, Databricks, Azure Data Explorer
- **Databases:** PostgreSQL, Oracle, MySQL, MongoDB, PL/SQL
- **DevOps & IaC Tools:** Git, Jenkins, Docker, Kubernetes, Terraform, Maven, Gradle, SonarQube, Jira
- **Messaging & Streaming:** Apache Kafka
- **Monitoring & Analytics:** Splunk, Datadog, Power BI
- **Testing & API Tools:** JUnit, Mockito, Postman
- **Servers:** Apache Tomcat (8/9)
- **Security:** OAuth2, JWT, Spring Security

Work Experience

Senior Consultant | ThoughtWorks | Jan 2025 – Present

- Designed and developed scalable microservices for Lenovo in a distributed environment.
- Enhanced modularity and integration with micro-frontend architecture.
- Improved resilience and availability of systems, ensuring fault tolerance.

Full Stack Developer 2 | FedEx ACC | Sep 2023 – Jan 2025

- Built a DQM dashboard that reduced EU clearance filing errors, saving $1B annually.
- Developed an MCT dashboard that automated tracking, cutting manual work by 80%.
- Delivered KPI dashboards (React + Power BI) integrated with Databricks & ADLS, which accelerated decision-making by 30%.

Analyst | Deloitte USI | Jan 2022 – Aug 2023

- Led backend development for Healthy Rhode Mobile Services, implementing OTP-based credential recovery that secured over 500K users.
- Developed real-time balance inquiry features that reduced processing time by 40%.
- Enhanced benefit issuance system modules (RI Bridges), boosting efficiency by 25% for more than 1M Rhode Island residents.

Full Stack Developer | Olive Crypto Systems | Sep 2019 – Dec 2021

- Designed and implemented a merchant onboarding API for Axis Bank, which onboarded over 1000 merchants and reduced time by 50%.
- Built mandate management and payment systems for NPCI that handle millions of daily transactions with zero downtime.
- Automated the HSBC IMPS reporting system, cutting manual reporting effort by 70%.

Projects

Rhythmix

- Architected a microservices-based music streaming platform, with backend built using Spring Boot, .NET Core, and a gateway for routing and authentication.
- Designed and developed multiple frontend modules (Home, Library, Player, Portal) using React and TypeScript, achieving a modular and responsive UI.
- Integrated PostgreSQL as the primary data store and used Docker & Docker Compose to orchestrate all services in development and deployment.

IntelliShare

- Built a content-sharing platform with React (frontend) and Node.js + Express (backend), implementing user authentication and profile management.
- Developed a recommendation engine that personalizes content using user preferences and learning styles.
- Employed SQLite for fast, embedded data storage and used Material-UI to create a clean and intuitive interface.

Education & Certifications

B.Sc. Computer Science	AWS Certified Solutions Architect – Associate (Valid until 2026)
Durg University | 2016 – 2019	SAFe Certified Practitioner (Valid until 2025)

Awards & Achievements

- Bravo Zulu Award – FedEx ACC
- Applause Award & Spot Award – Deloitte USI