

# RAVI TEJA

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## PROFESSIONAL SUMMARY

- Java Full Stack Developer with 6+ years of experience building secure, scalable, and high-performance applications in banking, healthcare, and e-commerce.
- Expert in Java 17/18, J2EE, Spring Boot, Spring WebFlux, Microservices, Project Reactor, and reactive programming handling 250+ TPS systems.
- Skilled in frontend development using React 17+, Angular 11+, Redux, and TypeScript, delivering responsive SPAs for 50K+ daily users.
- Cloud-native and DevOps practitioner with AWS, Azure, Kubernetes, Terraform, Docker, Jenkins, and Ansible, reducing release cycles by 60% and infrastructure costs by 15%.
- Strong in API security (Spring Security, OAuth 2.0, JWT) and asynchronous messaging (Kafka, RabbitMQ, Azure Service Bus), ensuring compliance with PCI DSS, HIPAA, GDPR, SOX, and 99.99% uptime.
- Proficient in database optimization (PostgreSQL, MongoDB, MySQL), Agile/Scrum collaboration, and monitoring/testing tools (JUnit, Selenium, Postman, SonarQube, ELK Stack, Prometheus, Grafana).

## TECHNICAL SKILLS

**Programming Languages:** Java 17/18, Python, TypeScript, JavaScript ES6+, C++, PL/SQL.

**Frameworks & Libraries:** Spring Boot, Spring WebFlux, Spring MVC, Spring Security, Spring Data JPA, Hibernate, JAX-RS, JAX-WS, Project Reactor, ReactJS, Angular 11+, Redux, Node.js, Express.js

**Web & Frontend Technologies:** HTML5, CSS3, SCSS, Bootstrap, Material-UI, AJAX, JSON, XML, JSP, Servlets, WebSockets.

**Microservices & APIs:** RESTful APIs, SOAP Web Services, GraphQL, Asynchronous APIs, Event-Driven Architecture, API Gateway, Service Mesh.

**Databases & Storage:** PostgreSQL, MySQL, Oracle, SQL Server, MongoDB, DynamoDB, Cassandra, Redis, Elasticsearch.

**Cloud & DevOps:** AWS (EC2, S3, Lambda, RDS, IAM, VPC, CloudFormation), Azure, Google Cloud Platform (GCP), PCF, Kubernetes, Docker, Terraform, Jenkins, Ansible, GitHub Actions, ArgoCD, CI/CD Pipelines.

**Messaging & Streaming:** Apache Kafka, RabbitMQ, JMS, Azure Service Bus, Amazon SQS/SNS, Event Hubs.

**Testing & QA:** JUnit, Mockito, TestNG, Selenium, Cypress, Postman, SoapUI, RestAssured, SonarQube, Jacoco.

**Monitoring, Logging & Observability:** ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Grafana, Splunk, CloudWatch, Application Performance Monitoring (APM).

**Version Control & Collaboration:** Git, GitHub, GitLab, Bitbucket, SVN, JIRA, Confluence.

**Design & Architecture Patterns:** Singleton, Factory, MVC, DAO, DTO, Observer, Strategy, CQRS, Event Sourcing, Microservices Design Patterns.

## PROFESSIONAL EXPERIENCE

### Java Full Stack Developer

Sep 2023 - Present

#### Citi Bank | Irving, TX

- Developed reactive REST APIs using Spring Boot and WebFlux, enabling 20% faster loan processing while maintaining non-blocking, high-concurrency workflows.
- Applied Spring Security with OAuth2 and JWT to enforce RBAC, securing sensitive banking data and ensuring PCI DSS compliance across all APIs.
- Streamlined deployments by automating CI/CD pipelines with Jenkins, Kubernetes, Docker, and Terraform, reducing release cycle duration by 60%.
- Architected asynchronous messaging with Kafka and RabbitMQ, increasing system resilience and achieving 99.99% uptime for interbank communication.
- Tuned JVM performance with optimized garbage collection and thread management, resulting in improved throughput and reduced latency during peak transaction periods.
- Integrated Splunk, ELK Stack, Prometheus, and Grafana dashboards to monitor system health, reducing issue detection and resolution times by 35%.
- Developed API documentation and a developer portal using Swagger/OpenAPI, cutting third-party integration onboarding by 30% and improving developer efficiency.
- Coordinated Agile sprints with cross-functional teams, ensuring high-quality feature delivery and enhancing end-user satisfaction across digital banking platforms.

### Full Stack Developer

Feb 2021 - Jul 2023

#### CVS Health | Bangalore

- Designed secure Spring Boot microservices, increasing patient appointment scheduling efficiency by 30% while adhering to HIPAA compliance standards.
- Built dynamic SPAs with ReactJS and Angular, improving dashboard interactivity and reducing manual data retrieval tasks by 40%.
- Leveraged RabbitMQ and Azure Service Bus for asynchronous communication, enabling real-time prescription updates and reducing operational delays.
- Optimized PostgreSQL and MongoDB queries, cutting medical record retrieval times by 60% and lowering storage requirements by 15%.
- Implemented infrastructure automation with AKS, Terraform, and Azure DevOps CI/CD, halving deployment times while enhancing system reliability.
- Secured APIs and cloud access using OAuth2, JWT, and RBAC policies, providing HIPAA-compliant authentication and role-based data access.
- Created monitoring dashboards with Prometheus and Grafana, improving visibility into API performance and decreasing incident response time by 35%.
- Developed AI-driven anomaly detection modules to automate scheduling and patient data synchronization, reducing manual intervention by 25%.

## Java Developer

Sep 2018 - Jan 2021

### Target | Bangalore

- Engineered secure checkout APIs with Spring Boot, reducing payment errors and safeguarding customer data, improving user trust metrics by 20%.
- Implemented Kafka event streaming pipelines to synchronize inventory and shipping updates, lowering processing errors by 25% in real-time operations.
- Developed modular backend services using Spring Boot and Hibernate, improving system scalability and supporting peak shopping loads efficiently.
- Tuned Oracle and MongoDB queries, enhancing system responsiveness during high traffic periods by 30% and reducing database overhead.
- Configured Log4J monitoring dashboards to track application health, decreasing downtime and accelerating incident response.
- Applied Ehcache and optimized SQL queries to improve page load performance, enhancing customer experience during peak shopping hours.
- Collaborated in Agile planning, code reviews, and sprint ceremonies, ensuring timely and high-quality feature releases aligned with business priorities.
- Resolved production job failures by coordinating with operations teams, restoring critical services promptly and maintaining business continuity.

## Software Developer Intern

Jan 2018-Aug 2018

### Codesets | Bangalore

- Built Kafka-based pipelines to handle real-time order events, reducing processing errors by 25% and increasing system reliability.
- Developed and tested REST APIs with Spring Boot, improving backend stability and ensuring consistent subscription billing operations.
- Created responsive UI components with HTML5, CSS3, JavaScript, and jQuery, improving portal usability and reducing front-end defects by 20%.
- Assisted with Oracle/MySQL database integration and query optimization, enabling faster reporting and supporting real-time analytics.
- Deployed microservices on Tomcat servers, streamlining development testing and enhancing application stability.
- Wrote unit and integration tests using JUnit and Mockito, achieving 95% code coverage and reducing post-deployment defects.
- Integrated REST APIs with front-end dashboards, enhancing interactive features and providing real-time data visibility.
- Participated in Agile sprint planning and daily standups, contributing to timely milestone achievements and smooth project delivery.

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## PROJECTS

### Smart Player Performance Prediction Platform

- Leveraged Java backend and Kafka streaming to process live match and wearable sensor data, enabling real-time prediction of player fatigue and injury risk.
- Integrated Python ML models for advanced analytics, producing personalized training insights that optimize performance and reduce injury incidence.
- Developed interactive ReactJS dashboards to visualize player metrics and predictions, improving coaching decisions and player monitoring efficiency.

### AI-Powered Multi-Channel Customer Support Bot

- Built Java Spring Boot backend and LangChain with GPT APIs to automate responses across email, chat, and voice, reducing manual support workload by 40%.
- Designed ReactJS admin dashboard for monitoring and managing interactions, providing real-time insights into customer inquiries and bot performance.
- Deployed on Kubernetes to enable scalable, high-availability service, ensuring consistent response times under peak user loads.

### E-Commerce Recommendation Engine

- Developed microservices using Spring Boot and Hibernate to analyze customer behavior and purchase history, increasing cross-sell conversion by 25%.
- Implemented asynchronous event-driven architecture with Kafka and Redis caching, reducing latency for personalized recommendations across platforms.
- Integrated ReactJS dashboards and REST APIs to deliver real-time product suggestions, improving user engagement and average session duration.

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## EDUCATION

### Masters in Information Systems and technology

Aug 2023 - May 2025

University of North Texas | Denton, Tx

### Bachelor of Technology in electrical and electronics engineering

Aug 2014 – May 2018

Gudlavalleru engineering college | Gudlavalleru,India

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## CERTIFICATIONS

- Developer Associate - **AWS Certified.**
- Java SE Programmer 21 - **Oracle Certified.**
- Java Programming Fundamentals - **Coursera Course.**
- Spring Framework - **LinkedIn Learning.**
- Applied Artificial Intelligence with IBM Watson – **Coursera.**