

# BALAJI JUPALLI

Java Full Stack Developer

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## PROFESSIONAL SUMMARY

**Java Full Stack Developer** with 5+ years of experience designing scalable, high-performance applications in fintech and healthcare. Skilled in building robust microservices, real-time data systems, and cloud-native solutions using **Java**, **Spring Boot**, **Kafka**, and **AWS**. Adept at CI/CD automation, front-end development with **React/Angular**, and performance tuning. Proven track record in fraud detection, API security, and Agile development environments. Known for delivering reliable, maintainable code and accelerating development timelines while improving system resilience.

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## EDUCATION

**Master of Science in Computer Science** | *Wright State University, USA – April 2024*

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## SKILLS

- **Languages:** Java, JavaScript, TypeScript, Node.js, HTML, CSS, SQL
- **Frameworks/Libraries:** Spring Boot, Hibernate, React, Redux, AngularJS, OAuth 2.0
- **Spring Ecosystem:** Spring REST, Spring Web, Spring Security, Spring Cloud, Spring Batch, Spring Data JPA
- **Cloud Platforms:** AWS (EC2, Lambda, RDS, S3, DynamoDB, Beanstalk, IAM), GCP
- **DevOps & Tools:** Docker, Kubernetes, Jenkins, JIRA, Postman, Git, Bitbucket, JUnit, Mockito, CI/CD
- **Databases:** Oracle, PostgreSQL, MongoDB, MySQL
- **Operating Systems:** Linux, Windows

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## PROFESSIONAL EXPERIENCE

### Java Full Stack Developer

*Capital One | USA | Jul 2024 – Present*

- Architected a distributed fraud detection platform using **Java**, **Spring Boot**, and **Kafka**, monitoring over **5M+ daily transactions** with **98% accuracy**.
- Built secure REST APIs with **OAuth 2.0** and **JWT**, supporting **50K+ user authentications daily**.
- Deployed microservices on **AWS (EC2, RDS, Lambda, API Gateway, S3)**, achieving **99.9% uptime** and **100K transactions/minute** throughput.
- Integrated **Gen AI** models with **LLM-based decision** support into fraud detection workflows, enhancing risk scoring and enabling smarter alert summaries, improving early fraud identification by **20%**.
- Automated fraud alerting with **AWS Lambda**, reducing notification delays to **under 3 seconds**.
- Developed **React.js dashboards** that improved analyst productivity by **25%** and cut page load times by **30%**.
- Implemented **Selenium + JUnit** testing suite, achieving **100% pass rate** across **1,000+ test cases**.
- Managed 50TB+ of archival data via **AWS S3** with fast retrieval and compliance integration.

### Java Full Stack Developer (Intern)

*Picket | USA | Nov 2023 – Apr 2024*

- Created REST APIs using **Java 8**, **Spring Boot**, **JSP**, **Servlets**, supporting **100K+ daily requests** with **99.8% reliability**.
- Deployed scalable services on **GCP** with Compute Engine and Load Balancing, reducing downtime by **94%**.
- Built UI components in **React.js**, improving performance by **40%** and boosting customer satisfaction by **20%**.
- Automated CI/CD workflows using **Jenkins**, **Docker**, and **Kubernetes**, cutting release times by **50%**.
- Enhanced SQL and indexing in **MySQL/Oracle**, reducing query latency by **35%**.

### Java Developer

*Transol Systems Pvt Ltd | India | Jan 2019 – Jul 2022*

- Integrated **Node.js** with EHR systems, providing clinicians real-time access to high-risk patient metrics.
- Managed 50TB+ of health data using **Azure Blob + SQL**, boosting access speed by **35%** while ensuring **HIPAA compliance**.
- Enabled seamless connection of **100+ medical devices daily** via **Azure API Management**.
- Deployed updates using **Azure DevOps pipelines**, reducing rollout time from **2 hours to 15 minutes**.
- Developed **AngularJS**-based patient monitoring tools, improving diagnostic accuracy by **25%** and care efficiency by **30%**.
- Scaled telemedicine consultations by **50%**, **lowering readmission rates** significantly.

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## Certifications

- Java Certification – 2019
- AWS Developer Certification – 2025