**Boga Raju**

Java Developer

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Dallas, TX

### SUMMARY

Java Developer with 3+ years of experience designing, building, and maintaining robust, scalable Java-based enterprise applications. Proficient in Java 17/11/8, Spring Boot, Spring MVC, Spring Security, and Hibernate/JPA. Skilled in translating business requirements into technical solutions, collaborating with cross-functional onsite teams, and supporting application development and enhancement across the SDLC. Strong background in SQL, stored procedures, CI/CD practices using Jenkins, and unit testing with JUnit and Selenium. Proven ability to work in Agile environments, troubleshoot effectively, and deliver high-quality solutions aligned with client objectives. Open to relocation.

### TECHNICAL SKILLS

* Languages & Core Java: Java 17/11/8, Multithreading, Collections, Lambda Expressions, Exception Handling, Stream APIs. Python
* Frameworks & Tools: Spring Boot, Spring Web Flux, Spring Security, Spring MVC, Spring Data JPA, Hibernate, Spring Core, REST, SOAP, JSON, XML
* Databases: Oracle, MongoDB, DynamoDB, SQL, Redis
* Cloud Platforms: AWS (EC2, RDS, S3, Lambda, ELB), Azure
* CI/CD & DevOps: Jenkins, Maven, Git, Docker, Kubernetes, SonarQube
* Monitoring, Testing & Automation: Splunk, JUnit 5, Mockito, Selenium, Cucumber
* Methodologies & Tools: Agile (Scrum/Scrum ban), TDD, BDD, SOLID, OOAD, Jira, ServiceNow, Confluence
* Operating Systems: macOS, Linux, Windows
* AI Tools GitHub Copilot, Bolt.new, Claude, Bolt, Firebase Studio
* Machine Learning & AI Technologies: Machine Learning, Generative AI, PyTorch, Scikit-learn, Hugging Face Transformers, LLM Deployment, Prompt Engineering, Retrieval-Augmented Generation (RAG)

### PROFESSIONAL EXPERIENCE

**The Home Depot, United States**

**Java Developer | June 2024 – Present**

Microservices Development & Architecture

* Led design and development of stateless, scalable microservices using Java 17, Spring Boot 3, Spring Web Flux, and Spring Data JPA, improving application modularity and deployment velocity.
* Implemented event-driven architecture with Apache Kafka, ensuring reliable real-time messaging and decoupled service interactions.
* Integrated Spring Security, OAuth2.0, and JWT tokens to implement secure authentication/authorization mechanisms across all microservices.

Cloud Infrastructure & Deployment (AWS)

* Built and deployed cloud-native microservices on AWS EC2, S3, RDS, and Lambda, reducing infrastructure costs by 20%.
* Defined and automated infrastructure components using Terraform (in coordination with DevOps), supporting high availability and disaster recovery.

CI/CD & Testing Automation

* Designed and maintained CI/CD pipelines with Jenkins, integrated with Maven, JUnit, SonarQube, and Docker, leading to 35% faster release cycles.
* Developed automated test suites with JUnit5, Mockito, and Selenium, achieving 85%-unit test coverage and cutting post-release defects by 25%.

Performance & Observability

* Conducted performance profiling using AppDynamics and Splunk, identifying and resolving bottlenecks that improved throughput by 30%.
* Implemented asynchronous non-blocking endpoints with Spring Web Flux, boosting concurrent request handling by 40%.

Agile Collaboration

* Participated in daily stand-ups, sprint planning, and retrospectives as part of an Agile team delivering biweekly production releases.
* Mentored 3 junior developers and conducted code reviews to ensure adherence to coding standards and architectural patterns.

AI intrgrations :

* Integrated AI capabilities (including RAG and prompt engineering) into the application flow, connecting external data sources and refining AI-generated responses to improve contextual understanding.

**Carelon Global Solutions, India**

**Java Developer | Nov 2020 – July 2023**

Microservices & Backend Systems

* + Designed and developed backend microservices using Spring Boot, Spring MVC, and Hibernate, supporting high-throughput transactional systems.
  + Migrated monolithic Java EE services to modern Spring Boot microservices, enhancing maintainability and reducing deployment time by 40%.

API & Integration Services

* + Built secure, scalable RESTful APIs using Spring frameworks and integrated third-party services for enterprise-level operations.
  + Utilized Apache Kafka for asynchronous service communication, implementing consumer groups to ensure reliable message delivery.

Security & Authorization

* + Implemented Spring Security, OAuth 2.0, and JWT to secure APIs with role-based access control.
  + Conducted code reviews focused on security compliance and mitigated vulnerabilities following OWASP standards.

Database Optimization

* + Developed and optimized queries for Oracle and MongoDB, ensuring high-performance data access for microservices.
  + Tuned indexes and query execution plans to reduce latency and support scalability.

Build & Deployment Automation

* + Automated builds and deployments using Maven, Jenkins, and Docker, improving CI/CD speed and reliability.
  + Managed microservices deployment via Kubernetes, enabling efficient service discovery and orchestration.

Testing & Quality Assurance

* + Created unit and integration tests using JUnit, Mockito, Selenium, and Cucumber, achieving high test coverage.
  + Contributed to automated test pipelines to support continuous integration and reduce post-release bugs.

### CERTIFICATIONS

AWS Certified Solutions Architect – Associate (2025)

Generative AI Fundamentals – Databricks (2024)

### EDUCATION AND ACCOMPLISHMENTS

**Master of Science** in Big Data Analytics & Information Technology

University of Central Missouri

**DSI Conference 2024:** Authored and presented research paper titled "Project Management for the Future."