

SHIVA ANAND GOGULA

JAVA DEVELOPER

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Summary

Java Developer with 3+ years of experience in enterprise applications, microservices architecture, and cloud-native development. Proven track record in optimizing Java applications, designing RESTful APIs, and implementing CI/CD pipelines. Adept at both backend development (Spring Boot, Hibernate) and frontend frameworks (React). Experienced in AWS cloud infrastructure and agile methodology. Computer Science graduate pursuing a Master's in Data Science, combining enterprise Java expertise with data analytics capabilities.

Technical Skills

- **Core Java:** Java SE/EE, Spring Boot, Microservices, Hibernate ORM, RESTful APIs, JUnit, Maven
- **Web & Frontend:** React.js, JSP, Servlets, JavaScript, HTML5/CSS3, Responsive Design
- **Database & Cloud:** Oracle SQL, PostgreSQL, DB2, MongoDB, AWS (EC2, S3, Lambda), Docker
- **DevOps & Tools:** CI/CD, Git, Jenkins, JIRA, Agile/Scrum, WebSphere, Tomcat, Unix/Linux

Professional Experience

Infosys Limited

September 2020 – July 2023

Senior Systems Engineer

Hyderabad, India

- Spearheaded migration from legacy JSP/Struts to React Application on AWS, cutting page load time by 40%
- Architected Spring Boot microservices to replace monolithic message queue system, processing 3,000+ daily transactions
- Engineered Java-based Quartz Scheduler with RESTful API integration, eliminating licensing costs
- Orchestrated database migration from MySQL/WebLogic to PostgreSQL/Tomcat, reducing maintenance costs by 70%
- Implemented critical security patches for Log4j vulnerability within 24 hours, maintaining SLA compliance
- Developed automated Java ETL pipeline for CRM data transfers via SMTP/POP3, cutting manual work by 90%
- Established CI/CD pipeline with Jenkins for automated testing and deployment of Java applications
- collaborated with cross-functional teams in agile environment to deliver enterprise-level applications.

Department of Health, NYS

August 2024 – Present

Student Assistant

Albany, NY

- Designed SAS programs for public health data processing and analysis with focus on scalability
- Integrated data pipelines for CHIRE and CHIRS dashboard systems using ETL best practices
- Implemented automated data validation algorithms to detect anomalies and ensure data integrity

Key Projects

- **Enterprise Job Scheduler:** Developed microservice-based scheduling system handling 100+ concurrent jobs with 99.9% reliability. Implemented priority queuing, dependency management, and failure recovery mechanisms. Reduced manual effort by 90% while improving task completion accuracy by 40%.
Tech Stack: Java, Spring Boot, Quartz, RESTful APIs, Oracle SQL, Jenkins, JUnit
- **Middleware Message Processing System:** Engineered high-throughput middleware processing 3,000+ daily messages between systems. Optimized multithreaded architecture achieving 30% faster processing and 50% less downtime. Implemented comprehensive validation ensuring 100% data integrity.
Tech Stack: Java, Spring, DB2, JDBC, Javax Mail, Unix Shell, Log4j

Education

- **Master of Science, Data Science** — University at Albany, SUNY — CGPA: 3.67/4.0 August 2023 – Present
Relevant coursework: Topological Data Analytics, Applied Statistics, Modern Computing for Mathematics
- **Bachelor of Technology, Computer Science** — JNTU Hyderabad — CGPA: 7.7/10 July 2016 – Sep 2020
Relevant coursework: Data Structures, Object Oriented Programming, Database Systems, Web Technologies