

# SAI TEJASWAR PONUGOTI

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## SUMMARY

Java Backend Developer with 3+ years of experience in designing and implementing scalable microservices and RESTful APIs using Spring Boot. Seeking full-time opportunities to leverage this expertise and contribute to the success of your team and organization.

## TECHNICAL SKILLS

**Programming:** Java, Python, JavaScript

**Frameworks:** Spring Boot, Spring Boot Microservices, Spring Security, React.js, JPA, Hibernate

**Databases:** PostgreSQL, SQL Developer, MongoDB

**Tools:** IntelliJ IDEA, Git, Github, PgAdmin, AWS, Docker, Jenkins, GitHub Actions, Postman, Maven, JIRA, Swagger, SonarQube

**Certifications:** AWS Certified Cloud Practitioner, Docker Foundations Professional Certificate

## PROFESSIONAL EXPERIENCE

### Infor, Hyderabad, India: Software Engineer

Oct 2020 – Jan 2023

- Implemented RESTful APIs in microservices to facilitate seamless communication between multiple frontend and backend services.
- Addressed SonarQube and Fortify issues to maintain and enhance the continuous code quality and security of the codebase.
- Minimized service degradation and request failures across microservices by implementing resiliency patterns such as circuit breakers and retries.
- Implemented security features such as authentication and authorization using Spring Security, OpenIDConnect and OAuth2 to safeguard sensitive data and protect against unauthorized access across microservices.
- Leveraged Postman for API testing and validation. Created comprehensive API documentation following the Open API 3.1.0 specification using Swagger.
- Achieved a 20% reduction in regression issues by developing comprehensive unit tests with JUnit5 and Mockito to ensure adherence to code standards and maximize code coverage.

## OTHER WORK EXPERIENCE

### Missouri S&T, Rolla, MO: Web Developer

Aug 2023 – Dec 2024

- Designed and implemented a scalable database schema for seamless data migration, ensuring robust performance and scalability by conducting thorough requirements analysis and optimizing data normalization.
- Implemented Scheduled Jobs using Spring Scheduler to automate recurring tasks, ensuring timely execution of critical processes.
- Developed high-availability backend services with Spring Boot, achieving 99.9% uptime and optimizing performance by 60% through the implementation of caching strategies and asynchronous processing.
- Generated customized reports, cutting significant audit and report generation time by 60% by designing efficient report templates and optimizing query execution.

## PROJECTS

### Spring Boot Microservices

Dec 2024 – Present

Implemented a production grade features in microservices architecture of a spring boot application

- Implemented Configserver, authserver and automated configurations using web-hooks and configserver.
- Implemented Grafana stack for observability and monitoring.

## EDUCATION

### Masters, Computer Science

Dec 2024

Missouri University Of Science and Technology, Rolla, MO

3.65 GPA

College of Engineering and Computing

Relevant coursework: Data Structures, Analysis of Algorithms, Database Systems, Advanced Wireless Networks