

# Soujanya Ganji

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## PROFESSIONAL SUMMARY:

I have 3 years of experience as a Java Backend Developer within the IT Sector, specializing in software design, development, and testing using Java/J2EE, Spring Boot, Spring MVC, and Microservices. I'm proficient in front-end technologies like ReactJS, AngularJS, HTML5, CSS, JavaScript, and securing APIs with OAuth2. Skilled in AWS (EC2, S3, RDS, CloudWatch) and automating infrastructure with AWS CDK. Experienced in database management (MySQL, PostgreSQL, MongoDB, Oracle) and developing RESTful/SOAP services using JAX-RS and Apache CXF. Familiar with messaging systems (Kafka, RabbitMQ, ActiveMQ) and CI/CD tools (Jenkins, Git, Maven). Proficient in unit testing (JUnit) and log management (Log4j, SLF4J)

## TECHNICAL SKILLS:

- **Programming Languages:** Java 8/11, Core Java/J2EE, JavaScript (ES6+), TypeScript, Python
- **Cloud & Web Technologies:** HTML5, CSS3, Bootstrap 3/4, JavaScript, jQuery, React.js, Angular (2/4/6/7), TypeScript, JSON, AWS (S3, EC2, Lambda, SNS, VPC, IAM, CloudWatch, API Gateway), Azure, GCP
- **Frameworks & Libraries:** Spring Boot, Spring MVC, Hibernate, Angular, React.js, Redux, Node.js, Express.js, Spark
- **Databases:** SQL Server, MySQL, MongoDB, Oracle, NoSQL databases
- **APIs & Microservices:** RESTful Web Services (REST, SOAP, Swagger), Kafka
- **DevOps Tools/IDE:** Jenkins, Docker, Kubernetes, Terraform, Visual Studio Code, IntelliJ, Git, GitHub

## PROJECT:

**E-Commerce Order Management System** – Built a Microservices-based e-commerce platform using Java, Spring Boot, React.js, and Redux, where users can browse products, add them to the cart, and place orders. Used Kafka/RabbitMQ for order processing, OAuth2/Keycloak for authentication, and deployed on AWS (EC2, S3, RDS, Lambda) for scalability. Managed deployment with Docker, Kubernetes, and Jenkins for CI/CD.

## PROFESSIONAL EXPERIENCE:

**Amtek it Solutions, Hyderabad, India**

**Sep 2021 to Aug 2024**

**Software Engineer**

**Responsibilities:**

- Engineered SPAs using React JS and Redux, optimizing state management and boosting UI performance by 30%.
- Led the transition of monolithic applications to Microservices using Spring Boot and REST APIs, cutting system downtime by 36%.
- Collaborated in deploying Maven projects on Tomcat within a Microservices environment, ensuring better resource utilization.
- Developed web applications with ES6, React, and Redux, enhancing frontend responsiveness and performance.
- Integrated RabbitMQ and Hibernate for business operations, improving data processing efficiency by 28%.
- Created and refined RESTful APIs, reducing API latency by 35% and ensuring smooth backend communication.
- Employed Test-Driven Development (TDD) with JUnit, reducing bugs by 30% and enhancing code quality.
- Built Spring MVC components to streamline request handling and ensure efficient data flow.
- Applied Apache Camel for routing, improving authentication security and administrative processes.
- Designed data processing pipelines using Hadoop, Kafka, and Python, increasing processing speed by 45%.

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- Designed data processing pipelines using Hadoop, Kafka, and Python, increasing processing speed by 45%.
- Configured Elasticsearch and Logstash for effective real-time log monitoring and issue resolution.
- Developed Maven-based Core Services, ensuring seamless integration and reuse in the Microservices architecture.
- Managed AWS services (EC2, RDS, IAM, API Gateway, DynamoDB, Route 53), achieving 99.9% uptime.
- Implemented OAuth2 & Key cloak for API security, reducing unauthorized access.
- Established CI/CD pipelines with Jenkins and Maven, reducing release cycles by 35%.
- Automated infrastructure provisioning with AWS CloudFormation, streamlining cloud resource management.
- Used JIRA for project management, ensuring timely sprint delivery and task tracking.

**EDUCATION:**

Masters in Union Commonwealth university (2024 -2026).