

Hrushikesh Ayalasomayajula

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Summary

Backend engineer with 4+ years of experience building high-volume microservices for government and e-commerce platforms. Led a Spring Boot migration powering 3M+ daily users and \$10M+ in monthly revenue. Served as technical lead for marketplace integrations handling OAuth workflows and large-scale order fulfillment.

Professional Experience

Accenture Federal Services

Senior Software Engineer

Nov 2023 – Present

- Design and implement new Spring Boot microservices while maintaining legacy Akka services, ensuring consistent functionality across the API ecosystem.
- Deploy and maintain microservices across multiple environments (AWS, client Rancher fleet), managing build artifacts via Artifactory and automating delivery pipelines with Jenkins.
- Served as technical lead for a high-profile e-commerce integration initiative, enabling customers to connect to third-party marketplaces (Amazon, Shopify, eBay, etc.) and manage orders within our application.
- Researched and evaluated marketplace APIs; coordinated with external developers to secure access and ensure integration requirements were met.
- Built OAuth-based marketplace integration microservices handling 50K+ daily transactions using Kafka for async order processing and Redis for session management.
- Collaborated with internal teams and clients to define API contracts, enforce testing standards, deploy features and optimize revenue.
- Frequently present complex technical solutions and system designs to both internal development teams and external client audiences.
- Partnered with product teams and stakeholders to define requirements and acceptance criteria, translating business needs into technical specifications and user stories.
- Primary point of contact for database-related reporting, collaborating directly with the client's fraud-detection team to extract, analyze and report on transaction data, enabling accurate fraud detection.

Software Engineer

Jan 2022 – Nov 2023

- Completely transitioned a legacy Python/Django backend to a modern Java Spring Boot architecture.
- Refactored core business logic to follow Spring standards, implementing models, entities, services, controllers and repositories that utilized Hibernate ORM.
- Managed a hybrid microservices environment, decommissioning legacy services without downtime.
- Expanded and optimized database schemas and SQL scripts to support new features and improve performance as the application scaled.
- Followed Agile Scrum and Test Driven Development practices, writing integration and unit tests to ensure code reliability and rapid feature delivery.

Technical Skills and Certifications

- **Languages:** Java, Python, SQL, TypeScript
- **Frameworks & Backend:** Spring Boot, Django, Akka, Hibernate, JUnit, Mockito
- **Infrastructure:** Kafka, Redis, Oracle SQL, PostgreSQL, Splunk
- **Cloud & DevOps:** AWS, Kubernetes, Docker, Rancher, Red Hat OpenShift
- **Version Control & CI/CD:** Git, Jenkins, SonarQube, Maven, Artifactory
- **Certifications & Clearance:** ICAgile Certified Professional, Public Trust Clearance

Education

George Mason University
Bachelor of Science, Computer Science

Dec 2021
Fairfax, VA