

MANDADAPU SOWJANYA

Hyderabad

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SUMMARY

Java Developer Trainee with strong foundation in designing and developing scalable and secure microservices architecture. Strong expertise in Java Core, OOPs, Spring Boot, Microservices, RESTful Web Services. Proven track record of reducing development errors by 40%, optimizing API performance by 30%, and enhancing application reliability through microservices and cloud-based solutions. Adept working in agile teams and delivering high-performance applications.

PROFESSIONAL EXPERIENCE

HulkHire Tech | Jun 2025 – Aug 2025 | Hyderabad

Java Developer Trainee

- Developed and optimized a scalable payment integration system, improving payment status tracking efficiency.
- Secured APIs using HmacSHA256 and Spring Security to ensure request authentication and data integrity.
- Led multi-region deployments for services, automating the process with AWS (EC2, RDS), reducing manual deployment efforts by 50%.

Virtusa Consulting Services | Aug 2024 – Apr 2025 | Hyderabad

Analyst

- Analyzed and processed large datasets using Python and SQL to optimize advertising campaign performance, resulting in a 20% increase in ROI and a 15% reduction in AHT.
- Interpreted client data to uncover trends and actionable insights, enhancing KPIs such as First Pass Yield (FPY) and Average Handling Time (AHT).
- Validated and categorized client-provided labels to ensure data integrity, improving reporting accuracy by 18%.

EDUCATION

NRI INSTITUTE OF TECHNOLOGY | 2020 – 2024 | Vijayawada

- B.TECH – 8.6 / 10 CGPA

PROJECTS

Core Payment Integration System

- Contributed to building a secure payment system across 3 microservices using Java, Spring Boot, and AWS, improving transaction processing efficiency by 25%.
- Designed a modular validation framework with Redis caching and integrated Trustly Deposit API with RSA encryption and HmacSHA256-secured endpoints, followed RESTful API standards.
- Deployed services on AWS EC2/RDS with multi-region support and secret management via AWS Secrets Manager.
- Achieved 90%+ unit test coverage using JUnit and Mockito.

E-Commerce Shopping Cart App

- Built a shopping cart system from scratch using JSP, Servlets, JDBC, and CSS, Bootstrap.
- Supporting real-time product listing, cart operations, and checkout — handling up to 100+ concurrent users with session management and validation.

Coffee Website

- Built a responsive and animated website using HTML, CSS, and JavaScript, boosting user engagement by 30% through interactive UI/UX elements and smooth transitions.

TECHNICAL SKILLS

- **Programming & Frameworks:** Java, Spring Boot, Spring JDBC, Hibernate, JavaScript, React.js
- **Web, UI & API Technologies:** HTML, CSS, Servlets, JSP, RESTful APIs, Postman
- **Databases & Build Tools:** MySQL (RDS), JDBC, Redis, Git, Bitbucket, SourceTree, Maven
- **Cloud, DevOps & Testing:** AWS (EC2, RDS, Secrets Manager), Tomcat, JUnit, Mockito, Sonar
- **Tools, Methodologies & Concepts:** Eclipse, VS Code, DBeaver, Mobaxterm, Scrum, Jira, Microservices, Linux Commands, SOLID Principles, AI/ML Fundamentals

CERTIFICATES

- HulkHire Tech Intern – Internship
- Joy of Computing Using Python with 75% score - NPTEL
- SQL Basic – HackerRank

ACHIEVEMENTS

- Recognized as STAR Performer for timely delivery and **successful sprint contributions** during Internship.

SOFT SKILLS

- Technical presentations
- Time Management
- Team Collaboration
- Adaptability
- Leadership