

M Siva Sunil Kumar

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Professional Summary

Motivated and detail-oriented Software Engineer with experience in Java development, REST APIs, unit testing (JUnit), Agile methodology, Git, and backend automation using Python. Exposure to CI/CD, Docker, and cloud concepts. Strong understanding of OOP, troubleshooting, and collaborative development.

Education

Master of Computer Applications (MCA), AITS

July 2023 – April 2025

- GPA: 8.5/10
- Kadapa, Andhra Pradesh, 516003.

Experience

Software Engineer, Tech mindSparc – Hyderabad

Nov 2024 – April 2025

- Foundational understanding of Docker and Maven during backend development and builds.
- Participated in mock CI/CD pipeline practices and version control integration using Git and GitHub.
- Participated in debugging and testing efforts, collaborated in creating basic test plans, and contributed to functional testing.
- Assisted in building scalable backend applications adhering to SDLC.
- Collaborated in an Agile team to review code, track issues using GitHub, and contribute to sprint goals.
- Wrote unit tests using JUnit, improving code reliability and achieving 70% test coverage.
- Documented API behavior and test cases for team reference.

Certifications

- Java Programming Essentials – [Udemy], [2023] (Built small REST APIs with Spring Boot)
- Data Structures & Algorithms in Java – [Udemy], [2024]
- Git and GitHub for Beginners – [udemy], [2025]
- Java Spring FrameWork [2024]

Technical Skills

- **Programming Languages:** Java, SQL
- **Frameworks/Technologies:** Spring Boot (Basics), REST APIs
- **Tools:** VS Code, IntelliJ IDEA, SAP SD (Basics)
- **Operating Systems:** Windows, Linux (basic terminal use)
- **Concepts:** OOP, DSA, SDLC, CI/CD, Unit Testing (JUnit), Functionality Testing
- **Development Practices:** Agile (Scrum)

Projects

Student Record Management System

- Developed a Java Swing application to manage student records with CRUD operations and MySQL backend.
- Used JDBC for secure DB access, implemented form validation, and modularized the codebase using OOP.
- Deployed locally using Docker for testing. Configured build process with Maven and used JUnit for unit testing.
- Focused on exception handling and user-friendly UI; Focused on exception handling and user-friendly UI; tested using JUnit and achieved 90% functional test coverage.