

# Siddesh Jondhale

## Full-Stack Software Engineer

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### Summary

Full-Stack Software Engineer skilled in Java, Spring Boot, React.js, SQL, and AWS. Experienced in designing scalable microservices, secure REST APIs, and optimized database systems. Strong collaborator with leadership experience in hackathons and agile teams. Proficient in cloud-ready apps, CI/CD pipelines, and AI/ML (RAG, FAISS, transformer models). Solved 150+ LeetCode problems demonstrating strong DSA foundations.

### Skills

**Languages:** Java, Python, JavaScript, SQL

**Backend:** Spring Boot, Spring Security, REST APIs, Hibernate/JPA

**Frontend:** React.js, Redux Toolkit, Tailwind CSS

**Databases:** MySQL, MongoDB

**Cloud & DevOps:** AWS (EC2, S3, RDS), Docker, Git, Maven

**AI/ML:** RAG, FAISS, HuggingFace (Beginner)

### Experience

#### Software Engineering Intern

*Manasvi Tech Solutions Pvt Ltd, Nashik*

Jan 2026 – Present

- Implemented three Spring Boot microservices, improving API performance by 28% for 500+ users.
- Built a secure authentication workflow using Spring Security, JWT, and RBAC covering five user roles.
- Integrated AWS S3 with AES-256 encryption, cutting data retrieval latency by 35%.
- Created a comprehensive JUnit/Mockito test suite achieving 85% coverage and documented 25+ APIs.
- Collaborated with cross-functional teams to deliver high-quality features during agile sprints.

### Projects

#### AI Contextual Co-Pilot (RAG Assistant) — Python, LangChain, FAISS

2026

- Built a RAG system that processed 50k+ documentation chunks to generate accurate context-aware code insights.
- Implemented FAISS-based semantic search, improving retrieval accuracy by 40% with sub-second response times.
- Designed a Streamlit-based debugging and interactive visualization interface for developers.

#### ForeverE-Commerce Platform — React, Spring Boot, MySQL, AWS

2025

- Engineered a scalable e-commerce platform supporting 1,000+ products with an optimized MySQL schema (45% faster queries).
- Integrated a PCI-DSS-compliant Stripe payment flow for secure online transactions.
- Worked collaboratively in a 4-member Agile team, coordinating backend and frontend development tasks.

#### Smart Waste Segregation & Reward System — IoT, AWS IoT, ESP32

2022–2026

- Engineered an IoT system that handled 10k+ daily events using MQTT and AWS IoT Core.
- Created an AWS Lambda-based ETL pipeline with a gamified reward system that increased participation by 60%.

### Certifications & Achievements

- MLOps with AWS Bootcamp – Deployment & Monitoring
- Infosys Springboard – React Hooks & State Management
- Smart India Hackathon 2025 – Finalist (Team Member)
- KPIT Sparkle Hackathon 2025 – Top 100 among 1+ lakh teams (Team Leader)

### Education

#### B.E. Information Technology (Honours in Data Science)

*Savitribai Phule Pune University, Nashik*

2022 – 2026

CGPA: 8.3/10