

Sami Ahmed KOLARKAR

☎ +91 9226370943 ✉ kolarkarsami@gmail.com </> Leetcode.com/in/sami-kolarkar 🌐 github.com/sami-kolarkar

Education

Walchand Institute of Technology, Solapur

Bachelor of Technology in Computer Science And Engineering

Aug. 2023 – May 2027

Solapur, Maharashtra, India

Relevant Coursework

- Data Structures
- Machine Learning
- Operating Systems
- Computer Networks
- Database Management Systems
- Design And Analysis of Algorithms

Experience

CodeAlpha

Dec 2025 – Jan 2026

Java Developer Intern | Hybrid

- Developed a **Student Grade Tracker** using Java collections to manage records and generate score summaries for 100+ student records.
- Built a **Stock Trading Simulation** using Java and OOP concepts with market display, user authentication, buy/sell actions, and portfolio tracking.
- Used PostgreSQL and JDBC with modular Java code to store and retrieve user, stock, and transaction data, improving reliability by ~25%.

Codec Technologies

Nov 2025 – Dec 2025

Java Developer Intern | Hybrid

- Created an **Expense Tracker** using Spring Boot, Hibernate, REST APIs, and MySQL to log and categorize expenses.
- Developed an **Employee Management System** with Spring MVC and Hibernate supporting secure CRUD and role-based access.
- Applied layered architecture and ORM practices for clean backend flow and reducing query overhead by ~20%.

Projects

Hostel Management System | Spring MVC, Hibernate, Frontend, MySQL

Dec 2025

- **Built** a hostel admission and room allocation system with automated fee-receipt generation, **reducing** manual paperwork and minimizing allocation errors by ~40%.
- **Automated** payment tracking, room updates, and year-end hostel reorganization, **improving** processing speed and operational efficiency by ~30%.
- **Integrated** structured data handling and validation checks, **ensuring** accurate student information management for 100+ records.

Daily Scheduler & JMS System | Java, Spring, JMS, API, JSON, Cloud (AWS)

Jan 2026

- **Built** a cloud scheduler that triggers a daily 10 PM job to call an AI API, **automating** routine data retrieval and processing.
- **Implemented** a JMS producer-consumer flow to publish API results and deliver notifications, **enabling** reliable asynchronous communication.
- **Integrated** scheduling, messaging, and API handling into a modular workflow, **reducing** manual effort by ~90%.

Simplified Authentication Engine | Java, Servlets, Session Management, Token-Based Auth

Nov 2025

- **Built** a custom session- and token-based authentication system, **eliminating** JWT overhead and simplifying the authentication workflow.
- **Improved** login security and session handling through structured token validation, **enhancing** overall system performance.
- **Designed** modular authentication components that integrate easily with existing applications, **increasing** reusability and **reducing** implementation effort.

Technical Skills

Languages: Java, Python, C, HTML, CSS, JavaScript, TypeScript, NoSQL : MongoDB, SQL : MySQL, PostgreSQL

Developer Tools: VS Code, Eclipse, Apache Netbeans, Docker, AWS, Postman

Technologies/Frameworks: Spring Framework, SpringBoot, Spring Security, JPA, Spring Microservices, ReactJS, Hibernate, Tailwind CSS, React Native, Ubuntu Linux

Leadership / Extracurricular

- Leading member of implementing various measures to reduce long waiting lines at CNG Stations.
- Active member of CSI(Computer Society of India), LOL(Learn Out Louder) Club and ISTE(Indian Society for Technical Education)