Dinesh Sonawane

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Education

Suman Ramesh Tulsiani Technical Campus Of Engineering, Pune 2023 – 2027
B.E in Computer Engineering CGPA: 7.34/10

Maharashtra State Board 2022 – 2023
Higher Secondary Certificate (HSC) percentage: 74%

Experience

Full Stack Developer | SRTTC, Pune Jan 2025 – Jun 2025

• Engineered REST APIs using Java and Spring Boot to support application workflows and backend business logic.
• Implemented secure authentication and role-based authorization using Spring Security and JWT.
• Optimized database interactions using MySQL, Hibernate, and JPA, reducing query time by 30%
• Contributed to the Technical Support Team of the Technical Innovation Club (TIC), assisting with technical activities, troubleshooting, and event support.

AI Intern | Springer Capital (Remote) Oct 2026

• Developed an AI-powered compliance document review system to identify potential regulatory violations and missing disclosures in financial documents.
• Implemented secure PII detection and masking workflows, ensuring sensitive information is protected during LLM-based document analysis.
• Built evidence-validation and precedent-retrieval workflows to verify AI-generated findings against regulatory rules and support human-in-the-loop compliance decisions.

Projects

Food Ordering System (Full-Stack, Ongoing) *Java, Spring Boot, React, MySQL, Hibernate (JPA), JWT* APR 2026
• Building a scalable food ordering platform with Spring Boot and React, supporting user, restaurant, and order management modules.
• Implementing JWT-based authentication and role-based access control (RBAC) for customers, restaurant admins, and delivery staff.
• Designing RESTful APIs for user management, menu handling, and order processing, following REST best practices.
• Integrated MySQL with Hibernate (JPA) for normalized data management across core entities, and optimized API response times 30%.

Banking Management System | *Java, Spring Boot, Angular, MongoDB, Spring Security, JWT, Twilio* Dec 2025-May 2026

• Developed a full-stack banking application supporting account management, fund transfers, deposits, withdrawals, and transaction statements.
• Implemented JWT authentication, BCrypt password hashing, role-based access control, and OTP verification using Spring Security and Twilio.
• Designed RESTful APIs using a layered Controller-Service-Repository architecture with Spring Boot, Hibernate/JPA, and MongoDB.
• Implemented secure fund transfers using @Transactional and Angular HTTP interceptors for JWT token handling and session management.

Technical Skills

Languages: Java, Python, JavaScript, TypeScript, SQL
Core CS: Object-Oriented Programming, DBMS, Operating Systems, Computer Networks
Frameworks: React.js, Spring Boot, Spring Framework, Hibernate/JPA, Microservices
AI/ML: RAG, LLMs (Qwen, Ollama), NLP, SDD(spec driven dev)
Tools: Git, Docker, Linux, MySQL, kafka(basic)

Certifications

- Java Full Stack Development — Seed Infotech