

Samiksha Tirumala

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LinkedIn | GitHub

Professional Summary

Computer Science Engineering student with hands-on experience in Java, Spring Boot, REST APIs, SQL, and React.js. Built full-stack applications with database integration, API testing, validation, and exception handling. Strong foundation in Core Java, OOP, DSA, and DBMS, with experience developing collaborative software projects.

Education

KLEF Deemed to be University , Andhra Pradesh, India	2023 – 2027
B.Tech in Computer Science and Engineering	CGPA: 9.11

St. Paul Higher Secondary School , Nagpur	2022
Class XII	87%

School of Scholars , Nagpur,	2020
Class X	94%

Projects

Digital Banking System — Java, Spring Boot, MySQL, REST APIs, JPA

- Developed a backend banking application for account management, fund transfers, and transaction history using Java and Spring Boot.
- Designed REST APIs using Controller-Service-Repository architecture with JPA and MySQL for reliable data management.
- Implemented input validation and exception handling to improve API reliability and transaction safety.
- Tested and validated APIs using Postman, supporting 100+ transactions with response times under 200ms.

Event Management System

Java, React.js, MySQL, REST APIs

- Developed an event management application using **Java, React.js, and MySQL** for registration and scheduling.
- Implemented backend services and database operations for managing event and participant records.
- Integrated a **Dialogflow chatbot** to provide automated assistance for event-related queries.
- Collaborated in a **3-member team** to design features, resolve implementation issues, and coordinate application development.

Skills

- **Programming:** Java, Python, JavaScript, SQL
- **Core CS:** Data Structures & Algorithms, OOP, DBMS, Operating Systems
- **Backend:** Spring Boot, REST APIs, JDBC, Microservices
- **Database:** MySQL, SQL
- **Frontend:** HTML, CSS, React.js
- **Tools & Platforms:** Git, GitHub, Postman, VS Code
- **Cloud & DevOps:** AWS, Docker, CI/CD Fundamentals
- **AI:** Generative AI, LLMs, Prompt Engineering

Achievements & Activities

- **Campus Ambassador — Smart Interviews**, promoting coding, problem-solving, and placement preparation initiatives among students.
- Participated in **Smart India Hackathon**, collaborating on an innovative software solution for a real-world problem.

Certifications

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| • ServiceNow Certified System Administrator (CSA) | 2026 |
| • Cambridge Linguaskill English Assessment (B2 Level) | 2023 |

Languages

English — Hindi — Telugu — Marathi