

SHRIKANT AMBATKAR

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EDUCATION

Ballarpur Institue Of Technology

2022 - 2026

B.Tech (Computer Science) - 7.53 CGPA (Current)

Ballarpur, Maharashtra

PROJECTS

SamrtSafar  | React, Spring Boot, MySQL, RESTful APIs, OpenStreetMap APIs

- Developed a full-stack city bus management system using **React**, **Tailwind CSS**, **Spring Boot**, and **MySQL**.
- Implemented **RESTful APIs** for bus search, route management, and ticket booking with a scalable backend design.
- Built a responsive, user-friendly frontend with **React Router** and reusable components.
- Integrated **OpenStreetMap** with **Leaflet.js** for interactive bus route and stop visualization.

SafeVisionAI  | Python, OpenCV, CNN, Flask, React, REST APIs

- Built a real-time computer vision system to analyze CCTV footage and detect unsafe or suspicious activities using deep learning models.
- Implemented instant alert generation and incident logging to enable faster response and accurate tracking of safety events.
- Designed an admin dashboard for live monitoring, incident review, and analytics to support proactive safety management.
- Optimized video processing and model inference for real-time performance, ensuring reliable detection with minimal latency.

Zerodha Clone  | React, Node.js, Express.js, MongoDB,

- Developed a full stack stock trading simulation platform with secure JWT-based authentication and role-based access control.
- Implemented buy and sell order workflows, portfolio tracking, and holdings management to replicate real-world trading logic.
- Designed responsive dashboards and RESTful APIs, enabling efficient data handling and seamless frontend-backend communication.

SKILLS

Languages: Java, Javascript, Python, SQL, HTML5, CSS .

Frontend: React.js, Redux Toolkit, Axios, Tailwind Css.

Backend: Servlets, JDBC, JSP, Hibernate, Spring , Spring Boot, Node.js, Express.js, Mongoose.

Developer Tools: Git, Github, MySQL, MongoDB, Prisma, PostgreSQL, Postman,

ACHIEVEMENTS

- 1st Prize in Kod-E-Thon Hackthon organized by Kodrish Innovation and Solutions.
- Top 7 waitlisted team at Smart India Hackathon (SIH) 2024 and participant in 8+ national-level hackathons.
- Completed comprehensive Java Full Stack Development course from Kapil IT Skill Hub, Hyderabad, covering Java, Spring Boot, REST APIs, React, and databases.
- Member of the organizing committee for national-level technical events and hackathons at college, contributing to planning, coordination, and execution.
- Completed DSA certification from Apna College and solved 120+ Data Structure problems on GFG