

# PRASHANT LODH

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[Email](#) ◊ [Github](#) ◊ [LinkedIn](#) ◊ [Portfolio](#)

## EDUCATION

**Bsc in Information Technology**, Ls Raheja College of Arts and Commerce  
CGPA : 7.73

2021 - 2024  
Mumbai, India

**HSC - XII th**, St Andrews College  
Percentage : 86

2019 - 2021  
Mumbai, India

## SKILLS

<b>Programming Languages</b>	Java, SQL, JavaScript, Python
<b>Databases</b>	MongoDB, MySQL
<b>Web Technologies</b>	HTML, CSS, Material UI, React.js, Node.js, Angular.js, Express.js
<b>Developer Tool</b>	Git, Github, Docker, Postman, Canva, MS Office, Bootstrap

## EXPERIENCE

**Probot Software Solutions Pvt Ltd.**

May 2024 - Present

Full Stack Developer

*Remote*

- Spearheaded full-stack delivery of “Crush and Craft” at Probot Software Solutions Pvt Ltd., a circular-economy platform that digitizes waste collection, sorting, crushing, and upcycling workflows.
- Built Node.js/Express REST APIs, React/Tailwind UI, and MongoDB analytics to track material streams, machinery telemetry, and sustainability KPIs in real time.
- Automated process scheduling and community workshop enrolment, onboarding 300+ users and diverting 2+ tonnes of waste from landfill within six months.
- Deployed JWT-secured, CI/CD-driven solution (Vercel, GitHub Actions) achieving 99.9% uptime and a 40% boost in operational efficiency through data-driven insights.

## PROJECTS

**ANNASETU— JavaScript, Bcrypt.js, Node.js, EJS**



- Developed a Food Donation Management System to collect surplus food and deliver it to food shelters, effectively minimizing food waste and supporting those in need.
- Connected food donors with food shelters and food banks, enhancing the efficiency of food redistribution and contributing to hunger relief efforts by effectively utilizing surplus food.
- Engineered the system to effectively achieve a 30% improvement in food redistribution through optimization.

**SchoolMonitor — React.js, Material UI, Redux, Node.js, Express.js, MongoDB**



- Engineered a scalable full-stack school management system with role-based access for administrators, teachers, and students.
- Implemented core modules for attendance tracking, grade management, and real-time communication, improving academic operations.
- Designed responsive, intuitive dashboards and secured user workflows using role-based authentication and access control (RBAC).

**WalletTracker — Node.js, Express.js, Chart.js, React, MongoDB, React-Datepicker**



- Created WalletTracker, an intuitive and user-friendly expense tracker designed to optimize cash flow management.
- Enabled users to seamlessly add, retrieve, and delete income and expenses, streamlining financial transactions.
- Constructed insightful and effective charts to visualize financial data, enhancing user decision-making.

## ACHIEVEMENTS AND CERTIFICATIONS

• **Programming Logic Building (C++, Python)** • **Web Development with Bootstrap** • **Ethical Hacking Fundamentals**

## LEADERSHIP AND EXTRA-CURRICULAR ACTIVITIES

- **Head of Department – Information Technology Intra-College Tech Fest** : Led team to 1st place among 15 in an IT Fest through effective planning and execution of departmental activities.
- **Team Leader – IT Mentorship Program** : Led a team of 5 to conduct sessions on programming, web development, and career guidance for junior students.