

Rostan Lobo

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Summary

Final-year **BE IT student** passionate about **software development, data analytics, and problem-solving**. Experienced in building web applications, data-driven solutions, and collaborating in team environments. Proficient in programming languages and analytics tools, eager to contribute as a **Software Developer or Data Analyst**.

Education

Don Bosco Institute of Technology, Mumbai

Bachelor of Engineering – Information Technology

Current CGPA: 8.13/10

Skills

Programming: Java, Python, C++, SQL

Web App Development: React.js, Django, HTML, CSS, JavaScript

Data Analytics & BI: Excel, Power BI, MySQL, Pandas, NumPy, Data Visualization

Core Concepts: OOP, DBMS, SDLC, Data Modeling, Statistical Analysis

Tools & Collaboration: Git, GitHub, Agile workflows, Teamwork

Projects

GateGuard – Smart Entry/Exit & Library Management

- Built a **Raspberry Pi-based system** with facial recognition QR scanning.
- Developed backend with Django + MySQL including real-time analytics and reporting.
- Implemented visitor tracking, book assignment, and monitoring features.

PlantNav – National Hackathon Project

- Developed React.js frontend for a **3D herbal garden web application**.
- Integrated **AI-based plant recognition** and advanced search features.
- Strengthened collaboration and problem-solving skills in a national hackathon.

Parish Website – Web Development Project

- Co-developed and deployed a website serving 1000+ users.
- Designed **mobile-friendly layouts** for improved accessibility.

Experience

Web Development Intern – DBIT Website Team

- Improved website responsiveness and fixed UI/UX issues.
- Optimized performance for faster load times.
- Collaborated with team using GitHub and Agile workflows.

Certifications

- Java Programming – Beginner to Master (Udemy, 2025)
- AI and Agentic AI with Python & Generative AI (Coursera, 2025)
- Microsoft Excel & Power BI Certified (2025)

Achievements

- 2nd Runner-Up – **CODEVERSE Hackathon** (90+ teams)
- Participant – **Smart India Hackathon (SIH)** and **AAVISHKAR 2024**
- 2nd Runner-Up – **Innoquest** for technical implementation