

ROHAN BENEGAL

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SUMMARY

Computer Engineering student with experience in full-stack development and machine learning. Skilled in Python, React, Node.js, and Django. Winner of multiple national-level hackathons, seeking software engineering opportunities.

EDUCATION

Fr. Conceicao Rodrigues College of Engineering (Fr. CRCE) <i>Bachelor of Engineering in Computer Engineering – CGPA: 8.36 (up to Sem IV)</i>	Mumbai, India <i>Expected June 2027</i>
• Relevant Coursework: Data Structures and Algorithms (Java), Database Management, Full Stack Development, Python	

EXPERIENCE

Frontend Developer <i>Freelancing</i>	March 2025 – August 2025 <i>Remote</i>
• Developed a responsive booking platform using ReactJS, improving usability across desktop and mobile devices	

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, SQL, HTML, CSS
Frontend: ReactJS, Tailwind CSS, Next.js
Backend: Node.js, Express.js, Django, REST APIs
Databases: PostgreSQL, MySQL, SQLite, Supabase
Tools: Git, Arduino, NumPy, Pandas, Scikit-Learn

PROJECTS

CityPulse — React, Node.js, Express, Supabase, Arduino, Gemini AI	
• Built a smart urban incident management platform with multi-role dashboards.	
• Implemented AI-based incident aggregation and worker assignment using location, skills, and workload scoring	
• Integrated IoT sensors (smart dustbins, air quality monitors) with Node.js serial bridge for real-time alerts	
LeetCode Progress Tracker — Next.js, Supabase, PostgreSQL, Tailwind CSS	
• Built a LeetCode progress tracker with automated hourly sync using cron jobs and difficulty-wise performance analytics	
F1 Race Prediction Model — Python, Pandas, Scikit-Learn, XGBoost	
• Trained Random Forest, XGBoost, and ensemble models to predict Top 3 finishers using historical data (1950–2024)	
• Implemented pre-race and post-qualifying pipelines with transfer-aware driver-team modeling	
DevLMS — Django, ReactJS, PostgreSQL	
• Built a full-scale LMS with multi-role portals, AI-powered career guidance, and real-time coding battles using WebSockets	

ACHIEVEMENTS

SIH 2025 Winner – National Level Hackathon	2025
• Won Smart India Hackathon 2025 by designing a self-healing FPGA architecture using watchdog-based fault detection	
1st Place – SPIT Hackfusion 2026 – National Level Hackathon	2026
• Built an infrastructure incident reporting platform for real-time civic issue tracking	
1st Place – BVDU Hacknova 2026 – National Level Hackathon	2026
• Developed a real-time traffic and pollution monitoring system using Google Maps API and IoT sensors	
6 Hackathon Wins (3 National Level)	
• Secured 1st place in 6 hackathons, including 3 national-level competitions across AI, IoT, and full-stack domains	