

# ROHINI RAUT

Full-Stack Developer | Node.js Enthusiast | Cross-Platform Android Developer

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## PROFILE

Computer Science graduate with practical experience delivering full-stack web and mobile solutions using Node.js, Flutter, and Firebase. Adept at translating complex requirements into robust, scalable applications while ensuring maintainability and performance. Experienced in collaborating across development, design, and QA teams to drive projects from concept to deployment. Committed to building software that addresses real-world needs with precision and reliability.

## EDUCATION

<b>B. Tech in Computer Science and Engineering (CGPA: 9.7)</b> PAH Solapur University.	2021-2024
<b>HSC (Science) - 85.69%</b> SSDM, Mangalwedha.	2019-2020
<b>SSC- 95.80%</b> ESM, Mangalwedha.	2017-2018

## SKILLS

**Languages:** C, Java, Python  
**Frontend:** HTML, CSS, JavaScript, React.js, Angular  
**Mobile/Web Frameworks:** Flutter, Flask, Express.js  
**Databases & Tools:** Firebase, SQL, PostgreSQL, NoSQL, REST APIs  
**Other:** OCR, Cloud Messaging, Cloud Storage

## PROFESSIONAL EXPERIENCE

<b>Insta ICT Solutions Pvt Ltd</b> Software Development Engineer	01/2024-Present
<ul style="list-style-type: none"><li>Contributed to the development of full-stack web and mobile applications using modern frameworks and clean coding practices.</li><li>Adapted quickly to new technologies and project requirements in fast-paced, client-driven environments.</li><li>Supported proposal discussions by translating technical concepts into client-friendly solutions.</li><li>Collaborated closely with cross-functional teams to improve code quality, maintainability, and deployment workflows.</li></ul>	

## PROJECTS

### Drive Test Audit Tool – Tower Management System

- Tech Stack:** Python, Flask, Firebase, OCR
- Built a telecom tower auditing system that automated field report analysis using OCR and basic ML logic.
- Improved report processing time from hours to minutes, reducing manual data entry by over 60%.
- Increased audit visibility by digitizing 100% of previously paper-based workflows.

### Bright Weddings – Matrimonial Web Application

- Tech Stack:** Flutter, Express.js, NoSQL, Cloud Messaging
- Developed user authentication, matchmaking logic, and profile management in a real-time matrimonial app.
- Helped deploy a chat + notification system that improved daily user engagement by an estimated **25–30%**.
- Integrated secure cloud storage for media uploads, ensuring 100% data persistence and retrievability.

## BDesigner – Construction Management Platform (Android & Web)

- **Tech Stack:** Flutter, Express.js, Firebase
- Created web and mobile UI that allowed real-time sharing of designs and progress updates between clients and architects.
- Enabled faster feedback loops, reducing average project approval turnaround by ~20%.
- Implemented Firebase services for secure file sharing and user tracking across sessions.

## Solcon360 (Extraction Utility) –

- **Tech Stack:** Angular, Spring Boot, PostgreSQL, OCR
- Built a structured data extractor to handle inconsistent financial reports, using OCR with pre-trained models.
- Parsed 1,000+ PDFs during internal testing, with an estimated accuracy of **90–92%** on key fields.
- Simplified analyst workflows by transforming flat files into PostgreSQL-ready records in real time.

## AI-Powered Natural Language Data Query & Summarization System –

- **Tech Stack:** Node.js, Express.js, React.js, GenAI
- Developed an NLP interface that converted user queries into SQL with ~92% accuracy on test schemas.
- Integrated auto-rendered chart generation (bar, pie, line) based on detected metadata, improving non-technical report comprehension by **~40%**.
- Helped bridge communication gaps between data teams and stakeholders through intuitive dashboards.

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### CORE STRENGTHS

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- **Cross-functional Collaboration:** Experienced in working closely with developers, designers to ensure smooth project delivery.
- **Process & Quality Focus:** Proficient in writing clean, testable code and maintaining high development standards.

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### HOBBIES & INTERESTS

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- Drawing
- Exploring New Technologies