Prathamesh **Madane** | Fullstack Developer

Pune, Maharashtra – India

+91 9322188860 • prathameshmadane45@gmail.com

in prathamesh-madane-ab89ab250 • Prath56 • Pratham2811

Leetcode **M** Tech Blogs

Profile

Motivated Engineering student with strong foundations in data structures, algorithms, and full-stack development. Skilled in JavaScript/Node.js, databases, and system design, with hands-on experience building real-world projects. Known for disciplined execution and a deep interest in understanding how systems work at the core.

Technical Skills

- **Languages:** JavaScript (ES6+), Java, Python, C, C++
- **Frontend:** React.js, HTML5, CSS3, Tailwind CSS, Redux Toolkit
- **Backend & Auth:** Node.js, Express.js, JWT, OAuth, REST APIs
- **Databases:** MongoDB, MySQL
- **DevOps & Tools:** Git, GitHub, Linux (Bash), Postman, AWS EC2

Work Experience

National Centre for Radio Astrophysics (NCRA), GMRT - TIFR   **Pune, India**
React Developer Intern   *Dec 2024–Mar 2025*

- Designed a React-based dashboard to analyze GMRT sub-system reliability using 15+ years of historical data.
- Engineered logic for real-time metrics (MTBF, MTTF) and implemented granular filtering for diagnostic workflows.

Projects

Novabyte* - *Cloud Storage Solution   *2025*

- Developed a secure cloud storage platform with robust user authentication for seamless file uploads and management.
- Implemented a responsive UI and efficient backend logic to ensure secure data organization and retrieval.
- *Code:* github.com/Pratham2811/My-Drive

Hostel Management System   *2025*

- Built a comprehensive portal streamlining room allocation, student records, and fee tracking with role-based access.
- Integrated real-time status updates and an intuitive admin dashboard to optimize daily hostel operations.
- *Code:* github.com/Pratham2811/Hostel-Management

EcoFusion* - *E-Waste Recycling Platform   *2024*

- Created a sustainability marketplace connecting users with certified recycling centers to facilitate e-waste disposal.
- Developed an admin dashboard for pickup logistics and a product module for trading refurbished electronics.
- *Live Demo:* eco-fusion.vercel.app

Reliability Performance Study of GMRT Sub-Systems   *2024*

- Designed a data visualization tool mapping 15+ years of failure metrics (MTBF, Failure Rate) into interactive reports.
- Integrated granular filtering to help scientists identify long-term hardware degradation patterns.
- *Code:* github.com/Pratham2811/RelaibilityGmrt

Education

Govt. College of Engineering and Research   **Pune**
*Bachelor of Engineering (E&TC   Engineering), **CGPA: 8.65/10***   *2022–Present*

A D Joshi Junior College   **Solapur**
HSC (Class XII), 85.7%   *2020–2022*

Saint Meera Public School   **Paranda**
SSC (Class X), 89.4%   *2019–2020*