

PRASAD JOSHI

Full Stack Web Developer (MERN Stack Developer)



2 Years 11 Months



(+91) 9373413937



prasadjoshi660@gmail.com



Key skills

- React.Js
- MongoDB
- Express
- Redux
- Node.Js
- React Native
- Python
- Javascript
- CSS
- HTML
- Mern Stack
- GIT
- Github



Personal Information

City **Pune**

Country **INDIA**



Hobbies

- Developing web and mobile applications experimenting with new frameworks and exploring cloud services and APIs for full-stack development.
- Reading tech blogs exploring new programming languages and staying updated with the latest trends in web development and technology.



Profile Summary

Motivated and detail-oriented MERN Stack Developer with 2.5+ years of experience at Ador Powertron Ltd, transitioning from core engineering roles into full-stack web development. Skilled in MongoDB, Express.js, React.js, Node.js, with additional expertise in Linux environments, Python scripting, and real-time system integration. Adept at bridging the gap between product development and scalable digital solutions



Education

B.Tech/B.E., 2020

Swami Ramanand Teerth Marathawada University
(SRTMU)



Work Experience

Jul 2022 - May 2025

Executive Product Design and Development
Ador powertron Ltd,Pune

Industry: IoT – Smart Traffic & Connected Infrastructure Solutions

- Started with Python scripting and Linux automation to support IoT-enabled traffic and speed monitoring systems, including hardware-software integration for sensor data and image capture.
- Developed backend utilities for Vehicle Actuated Speed Sign (VASS) systems, enabling real-time alerts and automated challan generation through integration with RTO systems.
- Transitioned to full-stack development using the MERN stack, building scalable web dashboards, React Native mobile apps, and ERP systems for device and team management.
- Delivered multi-language support (32 Indian languages) for real-time VASS alerts using optimized pixel-rendering techniques for offline use.
- Built secure, role-based platforms with QR code integration for digital warranties and supplier portals.
- Managed deployments on cloud



Languages

- english
- marathi
- hindi



Extra curricular

YouTube Channel Tech Innovate Official (450+ Subscribers)

Created and managed a tech-focused channel sharing videos on debugging, troubleshooting, and programming tips, currently inactive, with plan to relaunch with web development and full stack tutorials



Projects

SmartTrailer Connect: Multi-IoT Control

SmartTrailer Connect is a React Native app for managing multiple IoT-enabled traffic trailers via Wi-Fi or hotspot. Users can connect to devices through a dynamic drop-down list, update credentials, and control trailer movement. The app provides real-time battery monitoring and integrates QR code-based navigation for accessing device documentation, including warranty cards and manuals. It supports multi-device management, offering scalability for commercial systems.

TeamWise ERP: Role-Based Dashboard & Digital Warranty System

Developed a role-based web application for team operations and digital warranty management. Teams (Production, FIT, Purchase) can register with admin approval. The Production team creates job orders, generating digital warranty cards with QR codes. Suppliers can access their dashboard to download warranty documents. The app is fully developed and tested locally; deployment is pending.

Multi-Language VASS Display System

Developed support for 32 Indian local languages in a Vehicle Actuated Speed Sign (VASS) system, displaying speed-based alerts like "Thank You," "Slow Down," and "Danger." Using a pixel-based rendering method instead of language packs, the system ensures efficient performance with minimal memory usage, providing real-time messages in regional scripts offline for improved accessibility and safety.



CERTIFICATION

TCS NQT – IT (2023)

Appeared for the TCS National Qualifier Test in 2023 and secured a score of 61.34.



SOCIAL LINKS IN

Git-Hub

 <https://github.com/prasadjoshi738>

LinkedIn

 <https://LinkedIn.com/in/prasadjoshi738>

Portfolio website

 <https://webndroid.in>