# Pranav Rao

Software Developer

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📍 Bangalore

## PROFILE

I am an ambitious Computer Science Engineer with two years of experience in Software Engineering. I'm seeking opportunities to apply my skills and contribute meaningfully to an organization's growth while continuously learning and improving.

## SKILLS

React, JavaScript, TypeScript, Redux, Tailwind CSS, BootStrap CSS, MUI, CSS 3, HTML 5, SQL, PostgreSQL, Git

## WORK EXPERIENCE

### Geopage Consultants | Bangalore
05/2024 – PRESENT

Junior Frontend Developer

- Tech Stack: React.js, JavaScript, MUI, Tailwind CSS, Bootstrap CSS, Node.js PostgreSQL, Basic DevOps
- Developing and maintaining SaaS platforms (OLES & AMS) for civil project estimations and management.
- Building responsive, reusable UI components with React.js, Redux Toolkit, and modern UI libraries to enhance performance and scalability.
- Collaborating with backend teams to integrate Node.js and PostgreSQL APIs for dynamic, real-time data handling.
- Assisting in server deployment and CI/CD setup on bare-metal infrastructure to ensure application reliability.

### AntStack Serverless Consulting Company | Bangalore
11/2023 – 01/2024

Frontend Developer Intern

- Tech Stack: React.js, JavaScript, TypeScript, Tailwind CSS, Firebase, Supabase, Git
- Built a POC for WhatsApp messaging where form data was sent to preset and user-entered WhatsApp numbers.
- Implemented the feature using React.js, Firebase, and the WhatsApp Messaging API.

### TechEnvision| Kolhapur
03/2023 – 07/2023

Full Stack Web Developer Intern

- Tech Stack: HTML 5, CSS 3, JavaScript, WordPress, PHP, SQL
- Assigned to live projects form get go.
- Worked on multiple WprdPress projects using Elimentor/Elimentor Pro Plugins.
- Worked on full stack Health Care projects.

## EDUCATION

### Bachelor of Technology
2021 – 2023

**SHARAD INSTITUTE OF TECHNOLOGY COLLEGE OF ENGINEERING**

Computer Scienece and Engineering | **8.64 GPA**

Dr. Babasaheb Ambedkar Technological University Lonere.

### Diploma
2017 – 2020

**MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION**

Computer Scienece and Engineering | **89.94%**

Dr. Babasaheb Ambedkar Technological University Lonere.

### SSC
2016 – 2017

**Alphonsa School Miraj**

Secondary School Certificate | **77 %**

# PROJECTS

## Online Estimation System (OLES) – SaaS

- **Tech Stack:** React (Vite), JavaScript, Tailwind CSS, Node.js, Express.js, PostgreSQL, Redis
- **Description:** Developed a SaaS application for automated preparation of project estimates and Bills of Quantities (BOQ), Schedule of Rates (SoR).
- **Key Contributions:**
  - Designed architecture supporting multiple organizations.
  - Implemented dynamic configuration engine for estimation items and cost components. Which improved estimation consistency across projects and reduced manual estimation time by 60–70%.
  - Designed modular SaaS architecture which supports multiple organizations.
  - Built secure RBAC system for Superadmin, Admin, and project users.

## Asset Management System (AMS) – SaaS

- **Tech Stack:** React (Vite), JavaScript, Tailwind CSS, MapLibre, GIS Integration, Node.js, Express.js, PostgreSQL
- **Description:** Developed an enterprise-grade Asset Management System to digitize infrastructure asset tracking, maintenance planning, and lifecycle management for government and consultancy organizations and supports multi-level administrative hierarchies, GIS-enabled spatial asset mapping.
- **Key Contributions:**
  - Designed modular multi-tenant SaaS architecture supporting multiple companies and modules.
  - Implemented maintenance tracking, asset health monitoring, and structured reporting.
  - Digitized asset records for improved operational efficiency which reduced manual asset tracking effort by 50%+.
  - Integrated PostGIS-based spatial data modeling for mapping and asset geolocation.
  - Built comprehensive RBAC system with granular permission control.

## Gesix Solutions – Company Website

- **Tech Stack:** React, JavaScript, Tailwind CSS, Shadcn UI, Motion, Lenis
- **Description:** Developed a modern civil firm website to showcase projects, services, and professional solutions.
- **Key Contributions:**
  - Built a responsive and type-safe UI using React, JavaScript, Tailwind CSS, and Shadcn UI.
  - Implemented smooth animations and interactive transitions using Motion and Lenis.
  - Designed clean, accessible layouts optimized for performance across devices.
  - Structured reusable components for scalability and easy content updates.
  - Link: https://gesixsolutions.com

## Pollify – MERN

- **Tech Stack:** React, TypeScript, Tailwind CSS, Shadcn UI, Node.js, MongoDB
- **Description:** Developed a highly user-friendly real-time polling application enabling users to create, vote, and manage polls with live result updates.
- **Key Contributions:**
  - Built a type-safe and responsive UI using React, TypeScript, Tailwind CSS, and Shadcn UI.
  - Developed REST APIs with Node.js for poll creation, voting, and management.
  - Integrated MongoDB for efficient data storage and retrieval.
  - Implemented live vote updates and structured poll management system.

## WhatsApp Messaging – POC

- **Tech Stack:** React, JavaScript, Styled Components, Firebase
- **Description:** Built a WhatsApp-like real-time messaging proof-of-concept and admin panel for Sumadhwa Matrimony user profile.
- **Key Contributions:**
  - Designed architecture supporting multiple organizations.
  - Integrated Firebase for real-time messaging and data handling.
  - Implemented admin panel for managing users and conversations.
  - Used Styled Components for modular, maintainable styling.