

Pranav Rao

Software Developer

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pranavr541-portfolio.vercel.app

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

11/2023 - 01/2024

- 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.

AntStack Serverless Consulting Company | Bangalore

Frontend Developer Intern

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EDUCATION

Bachelor of Technology

2021 - 2023

SHARAD INSTITUTE OF TECHNOLOGY COLLEGE OF ENGINEERING

Computer Science and Engineering | **8.64 GPA**

Dr. Babasaheb Ambedkar Technological University Lonere.

Diploma

2017 - 2020

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION

Computer Science 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 Materials (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%.
 - Integrated GIS capabilities using PostGIS for spatial project data.
 - 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.

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.

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.

Personal Portfolio Website

- **Tech Stack:** React, TypeScript, Tailwind CSS, Shadcn UI, Motion, Lenis
- **Description:** Developed a modern personal portfolio website to showcase projects, skills, and professional experience.
- **Key Contributions:**
 - Built a responsive and type-safe UI using React, TypeScript, 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.