Prasanna Acharya

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Education

Alva's Institute of Engineering and Technology   October 2023 – July 2027
Bachelor of Engineering in Information Science   *Mangalore, Karnataka*

Experience

Frontend Web Developer, TEDxAIET   June 2025
TedxAiet   *AIET – Mijar, Moodbidri*

- Designed and developed the **frontend** of the official TEDxAIET website using Next.js and Tailwind CSS.
- Ensured a **mobile-first responsive design** with optimized performance.
- Collaborated with the organizing team to deliver a consistent and engaging digital presence for the event.

Projects

Xerofy – Print Management System [Demo]   Feb 2025 – May 2025
Frontend Developer   *Mijar*

- Built a responsive frontend for a print-ordering platform using **React** and **Tailwind CSS**.
- Developed the **file upload and token generation flow**, where users receive a unique token to collect their prints at the shop.
- Integrated frontend with backend APIs for secure file submission and token creation.

Personal Portfolio Website | React, Tailwind CSS, Vercel   Aug 2025

- Built and deployed a personal portfolio showcasing resume, skills, and projects.
- Implemented responsive design, SEO best practices, and ensured cross-device compatibility.

Labs & Technical Involvement

Edwins Lab | Open Source Community   Feb 2025
Member, Systems & Frontend/Backend Enthusiast   *AIET – Mijar, Moodbidri*

- Collaborated on open-source tools and conducted knowledge-sharing sessions on backend design and performance tuning.
- Built internal tooling to simulate service failures and test resilience strategies like circuit breakers and timeouts.
- Contributed to organizing technical fests and mentoring juniors on system design fundamentals.

Technical Skills

Languages: JavaScript, TypeScript, SQL (PostgreSQL), HTML, CSS
Frontend Frameworks: React, Next.js, Tailwind CSS
Backend (Knowledge): Node.js, Express.js, FastAPI
Databases: MongoDB, PostgreSQL
Developer Tools: Git, GitHub, VS Code, Vercel, Google Cloud Platform