PRANAV MATANHELIA

SOFTWARE ENGINEER

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EDUCATION

B.Tech Electrical & Electronics Engineering | Vellore Institute of Technology   September 2022 - August 2026
CGPA: 8.87

TECHNICAL SKILLS

- **Programming:** Embedded C, Assembly, Javascript, Typescript, SQL, NoSQL, Lua, Python, Zig
- **Frameworks and Libraries:** NestJS, NextJS, React, Express, ElysiaJS, HonoJS, Encore
- **Tools:** Github Actions, Ansible, Docker, Nginx, Node.JS, Bun, Terraform, AWS, Azure Cloud, Traefik, Authentik, SonarQube

PROFESSIONAL EXPERIENCE

IT Head | XLANCR Infotech   October 2023 - Present

- Spearheaded the development and maintenance of the company's information site using **Next.js**, delivering a performant and scalable web experience.
- Managed complete IT infrastructure including **Gsuite setup**, **DNS configuration**, and both testing and production server environments.
- Designed and implemented efficient **CI/CD pipelines**, streamlining release cycles and improving deployment reliability.
- Worked across the full stack, contributing to both backend logic and responsive frontend interfaces.
- Oversaw **AWS account management**, implementing cloud security best practices and optimizing infrastructure usage.
- Deployed and managed **self-hosted tools** such as GitHub Actions runners, **Huly** (project management suite), **NextCloud**, and **Plane**.
- Configured and maintained a secure **mail server** for internal and external communications.
- Implemented **Agile workflows** using **SCRUM and Kanban**, improving team productivity and transparency.
- Led a team of developers, overseeing code reviews, sprint planning, and ensuring timely delivery of key milestones.

Senior Developer | Stravah   Nov. 2024 - Feb. 2025

- Developed and maintained the **frontend** of the company's main application, delivering an intuitive and responsive user experience.
- Managed critical **IT operations**, including **Gsuite setup**, **DNS management**, **mail server configuration**, and **AWS account administration**.
- Provisioned and maintained robust **testing** and **production environments**, ensuring high availability and system reliability.
- Implemented automated **CI/CD pipelines** to streamline development workflows and accelerate deployment cycles.
- Collaborated with cross-functional teams to **optimize application performance** and resolve scalability challenges.
- Led regular **code reviews** and provided technical mentorship to junior developers, promoting best practices and code quality.

PROJECTS

Finance Management Platform   May 2024 – Present
Personal Project   Project Link

- Developed a real-time interactive platform to help users manage finances with a clean and functional UI.
- Built with **TypeScript** and modern web technologies to ensure fast and scalable performance.
- Implemented dynamic updates and organized state flow for smooth user experience.

Hostel Management System January 2023 – March 2023

CBSE Computer Science Project <u>Project Link</u>

- Created a full-fledged management system using **Python** and **MySQL**, focusing on CRUD operations for hostel data.
- Implemented user authentication and role-based access to different modules.
- Designed a simple yet effective interface for administrators and students.