PRANAV MATANHELIA

SOFTWARE ENGINEER

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EDUCATION

B.Tech Electrical & Electronics Engineering | Vellore Institute of Technology September 2022 - August 2026
CGPA: 7.9

TECHNICAL SKILLS

- **Programming:** Embedded C, Assembly, Javascript, Typescript, SQL, NoSQL, Python, golang
- **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
- **Courses:** Embedded C, Microprocessors and Microcontrollers, Computer Networks, Digital Electronics, AC and DC Machines, Power Systems, Electric Drives, DSP and Digital Image Processing

PROFESSIONAL EXPERIENCE

IT Head | XLANCR Infotech (College Startup) October 2023 - Present

- Built and maintained the company's information site with **Next.js**, focusing on speed, scalability, and a smooth user experience.
- Handled IT infrastructure setup—everything from **Gsuite** and **DNS** to managing testing and production servers.
- Set up efficient **CI/CD pipelines**, making deployments faster and more reliable.
- Worked on both backend logic and frontend interfaces, contributing across the full stack.
- Managed the company's **AWS account**, balancing security with cost-effective infrastructure usage.
- Deployed and maintained internal tools like **GitHub Actions runners, Huly, NextCloud, and Plane** to support the team.
- Configured a secure **mail server** for communication with clients and the team.
- Helped the team stay organized by setting up **Agile workflows** with SCRUM and Kanban.
- Guided a small team of developers, running code reviews, sprint planning, and ensuring timely delivery of milestones.

Senior Developer | Stravah Nov. 2024 - Feb. 2025

- Developed and maintained the **frontend** of the company's main app, creating a responsive and intuitive interface.
- Took care of key IT operations like **Gsuite setup, DNS management, mail server configuration, and AWS administration**.
- Set up and maintained testing and production environments to ensure the app ran smoothly and reliably.
- Built **automated CI/CD pipelines** to speed up development and deployment cycles.
- Worked with different teams to improve app performance and solve scaling challenges.
- Ran regular code reviews and mentored junior developers to keep code quality high.

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 Project Link

- 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.

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