MAYANK PATIDAR

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Experience

Envo Climate Technologies Ltd.   **March 2025 – current**
Software Developer

- Developed dashboard for B2B clients like **Mercedes Benz**.
- **iOS**⌁   **Android**⌁   - Building and maintaining cross-platform **mobile apps**, ensuring GDPR compliance.
- Led a team of 2 engineers, ensuring high-quality, maintainable code through thorough PR reviews and clean merges.
- Designed and implemented key product features — rewards, streaks, challenges, push notifications, referral invites, email delivery, and abuse prevention.
- Built Mixpanel **analytics** to track user behavior, reach, activation, engagement, and retention; defined KPIs and funnels for data-driven growth.
- Integrated **Generative AI** (Gemini) to validate user posts, extract structured data, and auto-generate emotionally resonant messages to boost engagement.
- Architected a secure, B2B/B2C-ready **multi-tenant** backend with RLS-based access control, isolated environments, and automated CI/CD pipelines.
- **Tech**: Node.js, Gemini API, Supabase, AWS (ECS Fargate, Amplify, S3), Expo, React Native, Mantine UI.

Freelance / Projects   **March 2025**
Software Developer

- **SweepStakes Dapp**⌁ - Full-stack development and integration with Blockchain (Solana). Deployed on AWS EC2.
- **Modern Landing Page**⌁,   **Movie Browser**⌁,   **Wealth Management Web Layout**⌁.

ThinkMetal Pvt. Ltd. (100X.VC)   **Dec 2023 – Feb 2025**
Software Developer   *Chennai, Tamil Nadu*

- **Implemented new features** such as 3D model rotation and face highlighting on hover; refactored styling and fixed bugs to ensure a stable, reliable, and repeatable desktop application.
- Built and deployed the **Admin Panel** dashboard from scratch to manage 3D printers, users, software, and access controls; integrated **OAuth 2.0**.
- Enhanced the **website** by implementing design-driven updates and improvements.
- Developed the 3D printer controller screen frontend from scratch.
- **System design** and development of the Over-the-air (OTA) update system for industrial 3D printers.
- Migrated the printer backend from JavaScript to Go, boosting performance and enabling a secure standalone build.
- Managed backend deployment on Raspberry Pi, Lattepanda and AWS; automated deployments and server setup using shell scripting to improve developer experience and ops efficiency.
- Self-hosted Highlight (Sentry alternative) for session replay, full-stack error monitoring, and advanced logging.
- **Tech**: React.js, Tauri, Next.js, Go, TypeScript, TanStack Query, React Router, Context API, Module CSS, Shadcn, Tailwind, Socket.IO, Zod, Three.js, React Three Fiber, Express.js, MongoDB, Prisma, PostgreSQL, PM2, SSH, Github Workflows, Linux, Docker.

Zenifin technologies Pvt. Ltd.   **Feb 2023 – June 2023**
Blockchain Developer Intern (Smart contract - Solidity)   *Github / Remote*

Skills

Languages: C++, Go, JavaScript, TypeScript, SQL
Technologies/Frameworks: HTML, CSS, React.js, Redux, Context API, Next.js, Node.js, REST API, Git/GitHub, SQL, Express.js, Docker, Tailwind, Typescript, Webpack, Rollup, SCSS, Firebase.
Concepts: Data Structures and Algorithm, Object Oriented Programming, Systems Design, Database Management System, Operating System, Computer Networks, Blockchain

Education

Indian Institute of Information Technology, Nagpur   **2020 – 2024**
Bachelor of Technology in ECE   *Maharashtra*