Dhanush D

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EXPERIENCE

Team Shiksha — Remote
Full Stack Web Contributor | Docker, Go, Git, Github, Next.js, Express.js, Typescript — *June 2025 – Present*

- Built a GitHub Actions CI pipeline running backend tests and linting, frontend build checks, SQLC and migration validation, with caching and enforced success gates across production branches.
- Integrated PostgreSQL support into the Go backend by implementing the 'jackc/pgx' driver, including the configuration of connection pooling for optimized performance and resource management.
- Containerized the PostgreSQL database using the lightweight 'postgres:alpine' image and Docker Compose, ensuring a consistent and reproducible development environment for all contributors.
- Authored a development-focused Dockerfile for the Go backend and orchestrated its build within a multi-container application using Docker Compose.

Sereno Volante — Remote
Frontend Developer | React.js, Tailwind, Typescript, motion.dev, Git, Github, Team Collaboration — *Sept 2025 – Nov 2025*

- Implemented a multilingual and voice interaction feature on the client's website, leveraging 'react-media-recorder' and 'react-audio-visualizer' to enable audio recording, visualization, and playback on the frontend, while transmitting recordings as Base64-encoded '.wav' files to the backend.
- Developed a proof-of-concept (POC) for an e-commerce platform by making the application fully responsive and enhancing UI elements, including color palette adjustments and interactive hover effects, improving overall user experience.
- Built a second POC to display scraped ads data in a card-based layout with a filtering navbar, enabling users to filter ads by attributes such as last seen, company name, and format.

Sereno Volante — Remote
Frontend Developer Intern | React.js, Javascript, motion.dev, Tailwind, Git, Github — *July 2025 – Aug 2025*

- Collaborated directly with a UI/UX designer and the client to engineer a complete revamp of a web application, translating new designs into responsive components using **React.js** and **Tailwind CSS**.
- Developed and integrated key frontend features, including a chatbot response loader using **motion.dev**, while managing asynchronous API calls with React hooks to ensure seamless data flow.
- Engineered a solution for a critical bug that was preventing user feedback from being saved, after investigating a client complaint and identifying the root cause as a faulty API call.

PROJECTS

CoBrain | *Next.js, TypeScript, Express.js, Tailwind CSS, Drizzle ORM, Vercel, Google OAuth* — Feb 2026
- CoBrain is your second brain - designed to help you save notes and links, organise it into meaningful slices, and recall information exactly when you need it. It's simple, flexible, and built to adapt to how you think.

Stroke | *Next.js, TypeScript, Tailwind CSS, Git, Github, Bun, Vercel, Zustand* — Jan 2026
- A minimal, beautifully designed drawing game where you challenge yourself to draw a perfect circle. Test your precision and share your score with the world!

Civio | *Next.js, TypeScript, Framer Motion, Tailwind CSS* — May 2025
- A Next.js landing page built by re-coding a popular portfolio Framer template.

TECHNICAL SKILLS

Languages : TypeScript, JavaScript
Frontend Technologies: Next.js, React, Redux Toolkit, Zustand, Tailwind CSS, shadcn/ui, Zod, motion.dev
Backend Technologies: Node.js, Express.js, JWT, Argon2
Databases & DevOps: PostgreSQL, Prisma, Drizzle, Docker, Git, GitHub Actions (CI/CD)

EDUCATION

Sai Vidya Institute of Technology — Rajankunte, Bengaluru
Bachelor of Engineering: Computer Science (Data Science) - 8.5 CGPA — *Nov 2021 – May 2025*