

# 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

**Prompt Playground** | *LangChain, Gemini Api, Next.js, TypeScript, Framer Motion, Tailwind CSS* Feb 2026

- Prompt Playground is a powerful tool designed to help developers and AI enthusiasts understand, evaluate, and refine their system prompts. It uses AI to score prompts based on clarity, specificity, context, and actionability, providing actionable feedback for improvement.

**CoBrain** | *Next.js, TypeScript, Express.js, LangChain, 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!

## TECHNICAL SKILLS

**Languages :** TypeScript, JavaScript, Python

**Frontend Technologies:** Next.js, React, Redux Toolkit, Zustand, Tailwind CSS, shadcn/ui, Zod, motion.dev

**Backend Technologies:** Node.js, Express.js, JWT, Argon2, LangChain

**Databases & DevOps:** PostgreSQL, Prisma, Drizzle, Docker, Nginx, 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