

AVADHOOT SMART

Full-Stack Engineer · Next.js, Node.js & Go · Pune, India

+91 76204 88961 | avadhootsmart14@gmail.com | linkedin.com/in/avadhoot-smart | github.com/AvadhootSmart | avadhootsmart.com

SKILLS

Languages: TypeScript, JavaScript, Go, Python, SQL

Frontend: Next.js (App Router, Server Components), React, TailwindCSS, Zustand, React Query

Backend: Node.js, Express.js, Go-Fiber, FastAPI, REST APIs, Microservices, Webhooks, WebSockets, OAuth, Redis

Databases: PostgreSQL, MongoDB

DevOps: Docker, AWS (EC2, S3, RDS), Vercel, Cloudflare, Nginx, Linux

AI: Vercel AI SDK, LangGraph, RAG, Tool Calling

Tools: Git, Wails, Postman

WORK EXPERIENCE

Software Engineer Intern

Feb 2026 – June 2026

Heizen

Remote, IN

- Sole developer on a client's production desktop app. Ported the existing **Nextron (Electron)** build to **Wails (Go)**, cutting the shipped binary from **150MB to 48MB**.
- Shipped native desktop features end to end: tray lifecycle management, **Screenpipe** screen capture, background cloud sync, and org-level access controls, with desktop auth driven from the companion web app over a **custom URL protocol** handler.
- Built an agentic AI service that generates **Primavera P6** project schedules from natural language, replacing a manual planning step. A **RAG** pipeline over construction-domain documents (**pgvector**) drives a multi-step **LangGraph** agent (Vercel AI SDK).
- Integrated it into a **Node.js / Express.js** backend as an async, **webhook**-driven microservice, decoupling long-running generation from the request path.

Freelance Full-Stack Developer

Apr 2025 – Aug 2025

Reachout

Remote, IN

- Built a **multi-tenant SaaS** portfolio builder from scratch, serving **50+ users** on initial release, with tenant-isolated **PostgreSQL** schemas behind a **Next.js Server Components** rendering engine and a live preview editor.
- Implemented wildcard subdomain routing via **AWS Route 53** and the Vercel API, enabling custom-domain white-labeling and per-tenant engagement analytics.

Software Developer Intern

Sept 2024 – Feb 2025

Engineer's Cradle

Maharashtra, IN

- Built a modular **NPM component library** of 50+ reusable React components, cutting duplicated UI work across internal teams.
- Moved server state onto **React Query** with stale-while-revalidate caching, cutting redundant API calls.

PROJECTS

VibeOps – Agentic DevOps Harness | Go (Wails), React, TypeScript, Zustand

getvibeops.in

- Shipped a cross-platform desktop product end to end, a **React + TypeScript** UI over a **Go (Wails)** core, running a **dependency-ordered** deploy plan that routes each service to the provider its runtime fits (**Vercel, Cloudflare, Fly**, or SSH). In alpha at **20+ installs** across macOS and Windows.
- Kept credentials out of the agent's context entirely: secrets live in the **OS keychain**, are substituted into commands only at execution time, and are scrubbed from command output before it returns.

DevX – Developer Practice Platform | Next.js, Go-Fiber, PostgreSQL, Docker

Source | Live

- Built a Docker-sandboxed code execution engine isolating untrusted submissions, on a **Go Fiber + GORM** backend, with per-submission execution benchmarked under **500ms**. Added **esbuild-wasm** in-browser bundling, removing server-side compilation.

Vybe – Collaborative Music Streaming | Next.js, Node.js, WebSockets, Redis

Source | Live

- Designed a **WebSocket sync engine** that keeps playback aligned across every client in a room, with room state in **Redis** so a client can rejoin mid-session. Built on **Spotify OAuth** and the **Web Playback SDK**.

EDUCATION

Savitribai Phule Pune University

Bachelor of Engineering – Information Technology

Maharashtra, India

Aug 2022 – June 2026