

SIDDHARTH MISHRA



Experience

Intern, Enterprise Minds – Pondicherry, India

Apr 2024 – May 2024

- Collaborated in a fast-paced team to develop and enhance features in a React Native mobile app.
- Implemented multiple API integrations using Axios, fetch and render dynamic data across screens.
- Designed and built responsive UI components using React Native and Expo.
- Contributed to new feature rollouts by writing clean, modular code and participating in code reviews.

Projects

Git Clash — ELO-Based Developer Ranking Arena



- Built a serverless platform where developers upload GitHub profiles and vote in head-to-head battles using a real-time ELO rating algorithm.
- Implemented **live leaderboard updates** using SSE + Redis for instant rank recalculation without reloads.
- Improved performance via **Redis caching**, NeonDB (PostgreSQL), and weekly automated snapshots using QStash cron jobs.
- Added anonymous fingerprint-based user identification to prevent duplicate voting without requiring login.
- Designed a fast, interactive UI with **Next.js 14 (App Router)** and Tailwind CSS.
- **Tech Stack:** Next.js 14, TailwindCSS, Upstash Redis, SSE, Prisma, NeonDB, Browser fingerprint, Vercel.

Fynly — Plan Smart, Spend Smarter



- Built a responsive personal finance planner for budgeting, expense tracking, and spending visualizations.
- Added secure Clerk authentication with protected plans, synced transactions, and personalized data.
- Integrated an **AI budgeting assistant** (Grok API) generating profession-based financial insights.
- **Tech Stack:** Next.js 14, TailwindCSS, Shadcn UI, Clerk, Prisma, NeonDB, Grok API, Vercel.

WaveChat



- Built a real-time chat platform with JWT authentication (HttpOnly cookies + WS tokens) and protected room-based messaging.
- Implemented room creation, membership enforcement, and WebSocket messaging with token validation and room-level broadcasts.
- Designed relational models (User, Room, Member, Message) with Prisma, enforcing membership at DB and WebSocket layers.
- Developed a responsive Next.js App Router frontend with smooth real-time UI and TailwindCSS.
- Structured as a Turborepo monorepo with shared Prisma schema, JWT utilities, and WebSocket auth.
- **Tech Stack:** Turborepo, Next.js, React, TailwindCSS, Express, WebSockets, JWT, Zod, Prisma, PostgreSQL.

Education

Pondicherry University, MCA

2022 – 2024

- CGPA: 8.0

JNCU, BSc in Maths

2019 – 2022

- Percentage: 59

Skills

Languages: TypeScript, JavaScript, C++, SQL

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, WebSocket, Mongoose, Prisma

Databases: MongoDB, PostgreSQL

Tools & Platforms: Git, Linux, VS Code, Postman