

Madhav Sharma

+917042800642 | smadhav2402@gmail.com | [linkedin.com/in/madhav](https://www.linkedin.com/in/madhav) | github.com/madhav

SUMMARY

Full-stack developer building scalable, production-grade web applications with Next.js, React.js, FastAPI, and Node.js. Currently modernizing national public-health infrastructure as a Code for GovTech (C4GT) open-source contributor.

EXPERIENCE

Junior Software Engineer

Feb 2025 – present

Ksolves India Limited, Noida

- Developed Client, Audience, and Admin portals for a research and survey platform using Next.js and FastAPI, including a screener system automating participant eligibility across diverse response formats.
- Built an in-app code editor supporting JSON, XML, YAML, and VBScript with real-time error detection and multi-language code conversion.
- Implemented an AI-powered code assistant (VS Code Copilot-style) for prompt-based code generation with accept/revert, and optimized RESTful APIs and database queries to improve response times.

SDE Intern

July 2024 – Sep. 2024

HelloGeo Technologies, Delhi

- Developed 8trees, a CMS-based e-commerce platform (Next.js, React.js, Node.js, TypeScript, Strapi CMS) streamlining product, category, cart, and sales analytics management.
- Built dual-access flows for admin and customer roles with secure authentication and authorization, contributing to a 25% improvement in user engagement through refined interaction flows and performance optimization.

OPEN SOURCE

Open Source Contributor | Code for GovTech (C4GT)

July 2026 – Sep. 2026

Piramal Swasthya Management and Research Institute (PSMRI) — AMRIT / Helpline 1097

- Selected for C4GT to modernize Helpline 1097, India's national AIDS/HIV helpline, migrating a production Angular 4.4.4 application (96 components, 42 services, 14 directives) to Angular 20 with standalone components.
- Replacing Angular Material 2.0-beta and Bootstrap 3 with Zard UI and Tailwind CSS v4, and refactoring a monolithic AppModule into lazy-loaded feature modules.
- Migrating deprecated `@angular/http` to the modern `HttpClient` with functional interceptors and upgrading core dependencies (RxJS, Socket.io, D3) while preserving end-to-end call-handling workflows.

PROJECTS

CollabNest: Multi-Tenant SaaS Task Management Platform | *Next.js, Node.js, PostgreSQL, Prisma*

- Built a multi-tenant SaaS platform for organization, project, and Kanban-based task collaboration, backed by a PostgreSQL schema (Prisma) enforcing organization-level data isolation.
- Developed RESTful APIs with JWT authentication and role-based access control, plus Redis caching, rate limiting, and real-time updates via Socket.io for synchronized task status and notifications.

TECHNICAL SKILLS

Languages: C++, JavaScript, TypeScript, Python

Frontend: Next.js, React.js, Angular, Tailwind CSS, HTML, CSS

Backend & Databases: Node.js, Express.js, FastAPI, REST APIs, GraphQL, Prisma, Strapi, PostgreSQL, MongoDB, Redis

Developer Tools: Git, VS Code, Postman, Jira, PyCharm

EDUCATION

ABES Engineering College, Ghaziabad

June 2021 – June 2025

B.Tech in Computer Science (Data Science specialization)

ACHIEVEMENTS

- Top 21% on LeetCode (rating 1604).
- Participated in Smart India Hackathon 2023 (SIH23) and shortlisted in an internal hackathon.