

Tejas Sonawane

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SUMMARY

Software Engineer | Chrome Extensions | React, MERN & Next.js | GSoC 2025 @ OpenAFS | Open Source Contributor

ACHIEVEMENTS

Google Summer of Code 2025 — OpenAFS

- Built a production-grade GNOME Shell extension using JavaScript (GJS) to provide a real-time graphical interface for managing a distributed file system used in academic and research environments.
- Designed and implemented async, non-blocking UI flows using Promises to keep the system responsive during background operations (systemd, authentication, token refresh).
- Built modular JavaScript components to manage UI state, real-time status indicators, and asynchronous system-level integrations.
- Collaborated with mentors on debugging complex async issues, improving performance, and refining UX for everyday users.
- Delivered features used by real Linux users, including live status updates, notifications, and failure handling.

Coding Profiles:

- Solved 225+ DSA problems across GeeksforGeeks (150+)  and LeetCode (75+) .

OPEN SOURCE CONTRIBUTIONS

GSoC 2025  – Built a CI/CD(Continuous Integration, Continuous Delivery) -based multilingual site generator for GIMP extensions (Python, XML, Hugo) with automated testing and deployment automation.

SKILLS

Technical Skills

- Languages: JavaScript, Python, Typescript
- Frontend: HTML, CSS, JS, React, NextJs, Chrome Extensions
- Backend Development: RESTful APIs, Node.js, ExpressJs
- Databases: PostgreSQL(PL/SQL), MongoDB(NoSQL)
- Core CS: System Design, Operating System, DBMS, CN

Soft Skills

- Problem Solving
- Debugging
- Communication Skills & Collaboration
- Learning Mindset

PROJECTS

Budget Buddy — Live

Smart Expense Tracker — Github 

2025

Tech: ReactJs, NodeJs, MongoDB, NodeMailer

- Built a full-stack expense tracker with React, Express, and MongoDB, featuring modular architecture, secure email + OTP authentication using NodeMailer, and optimized frontend-backend integration for a seamless experience.
- Implemented protected CRUD operations for income and expenses with robust data handling and validation.
- Integrated an intelligent chatbot using WebSocket and LangChain, powered by Gemini API, to handle natural language queries for user financial data.

BookMyDoctor — Live

Doctor Appointment System — Github 

2025

Tech: ReactJs, NodeJs, Express, MongoDB, JWT, Cloudinary

- Developed a full-stack MERN healthcare platform with role-based access (Admin, Doctor, Patient) and secure JWT authentication.
- Implemented end-to-end appointment workflows including doctor onboarding, availability management, booking, cancellation, and history tracking using RESTful APIs.
- Integrated image uploads via Multer + Cloudinary and deployed frontend on Vercel with a serverless-ready Express backend, designed for AWS Lambda + API Gateway migration (stateless APIs, env-based config).

EDUCATION

Institute of Management and Career Courses (IMCC), Pune

2023 – 2025

Master of Computer Application

CGPA-7.23

K.R.T. Arts, B.H. Commerce and A.M. Science (KTHM) College, Nashik

2020 – 2023

Bachelor of Computer Science

CGPA-7.49