

Sujal Gupta

Full-Stack Developer | React · Node.js · TypeScript | Building Scalable Web Apps

sujalgupta6100@gmail.com | Ph: 9773707840 | linkedin.com/in/heysujal | github.com/heysujal | leetcode.com/heysujal

WORK EXPERIENCE

ACCENTURE

Gurugram, Haryana, IN

Full Stack Developer

10/2023 – Present

- Currently working with GenAI team to integrate an internal enterprise application with Accenture's in-house AI agent.
- Worked with one of the leading banks in the UK via Accenture. Contributed to the **revamp of finance tools** like Mortgage Calculator, Borrowing, and Overpayment tools—enhancing the experience for over **1.3 million active users**.
- Built new reusable and accessible UI components using **React**, **TailwindCSS**, and **Figma** for a large-scale UI migration project and supported client developers in integrating them.
- Collaborated with the client Accessibility team to resolve bugs in existing tools, components, and legacy codebases.
- Maintained **90%+ unit test coverage** using **Jest** across all finance tools, and **supported multiple production releases** with deployment checks and post-release validation in a high-stakes banking environment.
- Built and maintained robust backend APIs using **Node.js**, **Express**, **MongoDB**, and **Postman**.
- Resolved accessibility defects using tools like **NVDA** and **AXE DevTools**, and supported screen readers and keyboard navigation.
- Optimized frontend performance of finance tools, improving Lighthouse performance scores from **~65 to 85+** and reducing LCP by **30%** through **code splitting**, **lazy loading**, and **asset optimization**.

EDUCATION

JSS ACADEMY OF TECHNICAL EDUCATION

Noida, Uttar Pradesh

B.Tech (Information Technology) - **8.17 CGPA**

Aug 2019 – June 2023

SKILLS

Frontend: Next.js, React.js, TypeScript, JavaScript, TailwindCSS, Zustand, HTML, CSS, Jest, ShadCN, React Query

Backend: Node.js, Express, REST APIs, MongoDB, Prisma, PostgreSQL, WebSockets, Redis, Microservices

Others: Git, GitHub, Zod, Postman, EC2, Linux, Docker, CI/CD, BullMQ, Kafka, Vector Databases, Python

AI & LLM Tools: v0, GitHub Copilot, Claude Code, Cursor, Antigravity, RAG, Gemini, MCP, LangChain

PROJECTS

DrSpectra.com | drspectra.com

- **Developed and managed end-to-end deployment** for a Fully Responsive Clinic Management + E-commerce WebApp for DrSpectra from scratch using **MERN**, **ShadCN**, and **TypeScript**, actively processing **480+ diagnostic test records**.
- Built a comprehensive **Admin Dashboard with 10+ management modules** — covering Orders, Appointments, Doctors, Products, Blogs, Users, Leads, Promo Codes, Testimonials, and Customer Support.
- Built a schema-validated form system using **Zod** across all user-facing forms, eliminating invalid submissions.
- Implemented **Razorpay Payment workflow** for appointment booking, Self-Tinnitus diagnostic test, and product orders with real-time order tracking and status management.
- Implemented client-side **PDF report generation** for the Self-Tinnitus diagnostic test, enabling patients to download and share results instantly without server-side processing.

PDFask - PDF Chat Application (RAG) | <https://pdfask.vercel.app/> | <https://github.com/heysujal/pdf-rag-app>

- **Built a full-stack RAG-based chat application** that lets users upload PDFs and ask questions about their content, with answers generated using semantic search and the Gemini API.
- **Designed an asynchronous document processing pipeline** using BullMQ and Redis for background workers, decoupling PDF ingestion/embedding from the chat API for better scalability.
- Used Qdrant vector database for storing and retrieving document embeddings, enabling per-user PDF collections with filtered, isolated semantic search.
- Built with Node.js and **Containerized the entire stack** (client, server, worker, Redis, Qdrant) using Docker.