

Sourabha K H

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EXPERIENCE

Zolve Innovation Pvt Ltd | Full Stack Engineer Intern

September 2025 - July 2026

- Migrated Zolve's marketing website from **React/Gatsby** to **Next.js** and **Tailwind CSS** to fix slow load times and hard-to-maintain code, rebuilding the majority of pages and raising performance scores from **~50 to ~95** while improving Core Web Vitals.
- Developed multiple **high-traffic** marketing landing pages using a **reusable component** system, applying technical SEO practices (metadata, structured content, image/script optimization) to improve page speed and search visibility for the **Growth** team.
- Automated the weekly SEO reporting process by building a pipeline that pulls data from the **Google Search Console** and **GA4** APIs, transforms it, and writes it to Google Sheets on a schedule via **GitHub Actions**.
- Built and maintained internal tools and customer-facing features using **Next.js**, **NestJS**, **MySQL**, **AWS S3**, and **role-based access control**, integrating Sentry, Mixpanel, and Clarity to track errors and understand user behavior.
- Resolved production issues and shipped features across marketing, consumer, and internal platforms, working closely with Product, Design, BizOps, and QA.

Desi Creative Group | Software Developer Intern

April 2025 – July 2025

- Built **modular, reusable UI components** with **Next.js** and **Tailwind CSS**, then used them to deliver dynamic dashboard, profile, and **CRM** modules integrated with a NestJS backend for real-time data management.
- Refactored large components into smaller, testable modules and strengthened backend reliability through API testing with **Postman**, **Supabase**, and **Prisma**.

TECHNICAL SKILLS

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|------------------------------|---|
| • Languages: | JavaScript, TypeScript, Python, C, C++ |
| • Full-Stack: | React.js, Next.js, NestJS, Node.js, Express.js, Flask |
| • Database, Tools: | SQL, MongoDB, PostgreSQL, Prisma Supabase, Git, REST APIs, JWT, Postman |
| • CI/CD & DevOps: | Jenkins, Argo CD, Grafana, GitHub Actions, Docker |

PROJECTS

Matchly – Smart Resume Matching | View Project

- Built an AI tool that scores resume-to-job-description match and generates personalized cover letters; connected frontend and backend with smooth data flow and deployed via Docker.
- **Tech Stack:** Next.js, Shaden UI, FastAPI, Python, LangChain, Ollama, ChromaDB, Docker

Homestay Booking Platform | View Project

- Built a full-stack platform enabling property owners to list stays and users to search, view, and book securely, with role-based profile management and an admin panel for users, listings, and bookings.
- **Tech Stack:** Next.js, Tailwind CSS, MongoDB Atlas, Express.js, REST API, JWT

Kalaa Rang – Full-Stack E-Commerce Platform | View Project

- Built a full-stack e-commerce platform with catalog, cart, checkout, and an admin system for analytics, inventory, orders, and users; implemented real-time updates, JWT authentication, and a scalable MongoDB backend.
- **Tech Stack:** React, Redux Toolkit, Node.js, Express, MongoDB, Mongoose, JWT, Multer.

EDUCATION

Global Academy of Technology

Dec 2022 - July 2026

B.E. Artificial Intelligence & Machine Learning | CGPA: 9.0

SAP Campus Champion 2.0 | Student Ambassador

Jan 2025 - Mar 2026

Acted as liaison between SAP and students, organizing workshops, hackathons, and tech sessions.