

HIMANSHU SHARMA

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Professional Summary

Full Stack Web Developer with 4 years of experience building performant and scalable web applications. Proficient in JavaScript, TypeScript, React.js, Node.js, GraphQL, and Microfrontend architecture. Strong understanding of frontend performance optimization, distributed systems, and scalable architecture.

Professional Experience

Full Stack Developer | Space-O Infoweb Pvt. Ltd. | Ahmedabad Dec 2024 – Jul 2025

- Built a scalable product recommendation system using React.js, Nest.js, and pgvector, improving recommendation accuracy by 25%.
- Developed an internationalized (i18n) admin dashboard for a global food ordering platform with multi-tenant architecture.
- Used Orval to automate API client generation, reducing frontend boilerplate code by 30%.
- Applied performance optimizations like code-splitting and tree shaking for better Core Web Vitals.

Full Stack Developer | SyncSignature | Surat Feb 2024 – Nov 2024

- Led full-stack development with React.js, ShadCN UI, Tailwind CSS, Node.js, and GraphQL.
- Deployed backend and frontend on AWS EC2 and Firebase respectively.
- Implemented AI-based headshot generator and managed email signature deployment via Google APIs.
- Converted platform to a Progressive Web App (PWA), reducing load time by 30%.
- Mentored 3 junior developers on React best practices.

Web Developer | Ciphernutz IT Services | Surat Oct 2021 – Jan 2024

- Improved app performance by 25% by caching API responses with Axios Cache Adapter.
- Built a tax document management app using React.js, SCSS, and WebSocket for real-time updates.
- Enabled job search and resource sharing with Next.js, integrating Sanity and Strapi CMS.

Technical Skills

Frontend: React.js, Next.js, TypeScript, JavaScript, Redux, React Hooks, React Query, Tailwind CSS, SCSS, Material UI, ShadCN UI, HTML5, CSS3, Responsive Design, Cross-browser Compatibility, Lighthouse

Backend: Node.js, NestJS, GraphQL, REST API, Express.js, Authentication (JWT, OAuth2), Microservices

Database: PostgreSQL, MySQL, MongoDB, pgvector

DevOps & Tools: Docker, Git, GitHub, AWS EC2, S3, Amplify, CI/CD

Testing: Jest, React Testing Library

Other: PWA, i18n, l10n, WebSocket, Microfrontends, SEO, Core Web Vitals, Web Performance Optimization, CMS (Sanity, Strapi)

Key Projects

- **Climehub.ai (Product Recommendation System)** – Built a full-stack application with **React.js** frontend and **NestJS** backend. Implemented product vector embeddings using the **OpenAI API** and stored them in **PostgreSQL with pgvector**. Enabled vector similarity search for eco-friendly product alternatives, supporting both text and image-based queries.
- **SyncSignature** – Developed a collaborative email signature management platform with **React.js**, **Node.js**, and **GraphQL**. Created workspace functionality for inviting teammates and dynamically generating signatures. Integrated **Google APIs** for automatic signature deployment to Gmail accounts, ensuring organization-wide consistency. Deployed backend on **AWS EC2** and frontend on **Firebase**.
- **StrikeTax.com** – Upgraded the frontend from **React 16 to React 18** and migrated routing from **React Router v5 to v6**, ensuring compatibility with modern features and performance improvements. Converted class components to functional components with hooks, and implemented real-time chat between admins and clients using **WebSocket**.

Built a new partner role with its own dashboard, added features for admin, client, and manager roles, refactored folder structures.

- **Zien.io** – Contributed to a Web3-based platform by restructuring the project into a **Yarn Workspace Monorepo**. Migrated separate Next.js frontend and API layers into a single optimized repository. Worked with **Prisma** for database queries and improved development efficiency with shared configurations and dependencies.
- **Powderkeg.com** – Built a job portal for companies and employers using **Next.js**. Converted the entire codebase from **SCSS modules** to **Material UI**, improving maintainability and consistency. Implemented **server-side rendering (SSR)** for public pages to boost SEO rankings. Added **Axios Cache Adapter** to cache API responses, resulting in faster response times and reduced redundant API calls.

Personal Projects

- **Wordle Game** – React.js-based word game. Live: <https://wordle-ruby.vercel.app/home/welcome>
- **Text-to-Speech Web App** – Next.js + Web Speech API. Live: <https://tts-web-app-pi.vercel.app/>
- **WebRTC File Transfer** – P2P file sharing tool. Live: <https://webrtc-file-transfer.vercel.app/>
- **Habit Tracker App** – Daily/Weekly/Monthly habit views. Live: <https://daily-habit-tracker-pi.vercel.app/>
- **Invoice Generator** – Modern invoice app with PDF export. Live: <https://invoice-generator-nu-six.vercel.app/>

Publications

- **How to Deploy a Node.js & TypeScript App on Vercel** – Medium Article: <https://medium.com/@himanshu15101998/how-to-deploy-node-express-app-built-with-typescript-to-vercel-2c8512c38636>

Education

BE in Electrical Engineering, Government Engineering College (GEC), GPA: 7.41

2020

Certifications & Learning

- Ultimate AWS Certified Cloud Practitioner CLF-C02 – Udemy (In Progress)
- The Complete Full-Stack Web Development Bootcamp – Dr. Angela Yu (2021)
- The Complete JavaScript Course – Jonas Schmedtmann (2021)