

Vaibhav Sompura

Full Stack Engineer

Dungarpur, Rajasthan, India (314025) — +91-9610030982 — vsompura3@gmail.com — Portfolio
GitHub — LinkedIn

Professional Summary

Full Stack Engineer with 3 years of experience building enterprise web applications using React.js, Next.js, TypeScript, Node.js, FastAPI, Python, PostgreSQL, and MongoDB. Experienced in frontend architecture, REST API development, AI-powered applications, authentication systems, Role-Based Access Control (RBAC), Server-Side Rendering (SSR), SEO optimization, and real-time communication using WebSockets. Proven track record of leading frontend initiatives, mentoring developers, collaborating with client stakeholders, and delivering scalable production-ready software in Agile environments.

Technical Skills

Languages: JavaScript, TypeScript, Python, HTML5, CSS3

Frontend: React.js, Next.js, Redux Toolkit, Redux Saga, TanStack Query (React Query), Tailwind CSS, ShadCN UI, Material UI, Styled Components, React Native

Backend: Node.js, Express.js, FastAPI, REST APIs, WebSockets, Authentication, Authorization, RBAC

Databases: PostgreSQL, MongoDB

Tools & Platforms: Git, GitHub, Postman, Azure OpenAI, Agile Development

Professional Experience

Software Engineer

Jul 2023 – Present

Ksolves India Limited

Frontend Lead — Client Project

Apr 2025 – Present

- Directed frontend architecture and implementation of a large-scale enterprise application built with Next.js and TypeScript.
- Optimized application performance and search visibility by implementing SEO-focused Server-Side Rendering (SSR) using Next.js and React Query.
- Designed scalable component architecture and reusable UI patterns that accelerated feature delivery and improved maintainability.
- Managed and mentored frontend developers through technical guidance, architecture reviews, and code review processes.
- Served as the primary technical point of contact for frontend development, driving design discussions and resolving complex implementation challenges.
- Partnered directly with client stakeholders to gather requirements, translate business needs into technical solutions, and provide implementation recommendations.
- Coordinated with QA, DevOps, backend teams, and external vendors to deliver production-ready releases within project timelines.
- Architected authentication and Role-Based Access Control (RBAC) workflows, enabling secure and scalable access management across application modules.
- Led sprint planning, task estimation, technical breakdown sessions, and development tracking to improve delivery predictability.
- Supported UAT cycles, production deployments, issue triaging, and post-release stabilization activities.
- Delivered responsive and pixel-perfect user experiences while ensuring cross-browser compatibility and accessibility standards.

Full Stack Engineer — AI Document Assistant

Nov 2024 – Apr 2025

- Spearheaded frontend development using React.js, Tailwind CSS, React Query, and ShadCN UI to build scalable and user-friendly interfaces.
- Engineered backend APIs and business workflows using Node.js and Express.js to support document processing and AI-driven interactions.
- Integrated Azure OpenAI services to deliver intelligent document search and conversational experiences, improving information accessibility.
- Enabled real-time communication through WebSocket integration, enhancing responsiveness and user engagement.
- Contributed to architectural decisions, technical planning, and implementation strategies across frontend and backend systems.
- Guided frontend development standards through code reviews, knowledge sharing, and mentoring activities.
- Collaborated closely with cross-functional teams to deliver features aligned with business and user requirements.

Frontend Engineer — NiFi Automation Platform

Sep 2023 – Oct 2024

- Engineered reusable React.js components and workflow management interfaces that improved maintainability and accelerated feature development.
- Managed complex application state using Redux Saga to support large-scale user workflows and data interactions.
- Integrated REST APIs and optimized frontend behavior, enabling efficient data handling and a smoother user experience.
- Delivered responsive interfaces using Material UI and Styled Components while maintaining consistency across browsers and devices.
- Collaborated with backend engineers to design and deliver end-to-end business workflows and automation features.
- Contributed to backend API development and integration efforts, strengthening cross-functional engineering collaboration.

Frontend Developer Intern — Data Catalog Platform

Jul 2022 – Jul 2023

- Developed Data Access Management features using React.js, supporting secure and scalable access workflows.
- Created reusable UI components and workflow-driven interfaces that improved consistency across the application.
- Collaborated directly with client engineering teams to implement business requirements and feature enhancements.
- Designed and delivered a React Native proof-of-concept application, demonstrating mobile platform feasibility.
- Assisted QA teams with testing, issue validation, and release readiness activities to improve overall product quality.

Education

Master of Computer Applications (MCA)

2022 – 2024

Lovely Professional University
CGPA: 8.81

Bachelor of Computer Applications (BCA)

2017 – 2020

Sardar Patel University
CGPA: 7.72