

Saurabh Prajapati

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Summary

Full-stack Stack Engineer with 4+ years of experience building scalable web applications and AI-powered SaaS products. Proficient in MongoDB, Express.js, React, Node.js, TypeScript, and LLM integrations including LangChain and OpenAI API. Experienced in Agile/Scrum environments. Currently at IBM building enterprise asset management solutions for global clients.

Experience

IBM India Software Lab

Apr 2024 – Present

Software Engineer

GIFT City, Gujarat, India

- Developed and maintained React and TypeScript UI components for Maximo, an enterprise asset management platform used by global clients across manufacturing, utilities, and transportation.
- Collaborated with cross-functional teams in an Agile/Scrum environment to deliver accessible, performant, and scalable frontend features using IBM's Graphite design system.

Visilean India Pvt. Ltd.

May 2023 – Apr 2024

Software Engineer

Ahmedabad, India

- Built and deployed scalable web applications using Node.js and Express.js REST APIs with React frontend for construction project management, reducing manual planning effort.
- Integrated React dashboards with backend APIs for real-time project tracking, improving team visibility across 10+ concurrent projects.

Knovos India Pvt. Ltd.

May 2021 – May 2023

Software Engineer

Ahmedabad, India

- Developed enterprise legal technology features using Node.js, Express.js, React, and MongoDB; delivered e-discovery and document review workflows used by legal teams across multiple clients.

Projects

BookYourSpa – React, Node.js, Express.js, MongoDB – bookyourspa.in

- Built a full-stack MERN SaaS spa booking platform enabling customers to explore services, check availability, and book appointments online.

CalculatorHub – Next.js, Node.js, Express.js, MongoDB – calculatorhub.services

- Built a full-stack utility platform with 73+ professional calculators spanning mathematics, finance, health, and technology domains.

AI Interview Agents – React, Node.js, Express.js, PostgreSQL, Docker, Nginx – ai.thitainfo.com

- Built a production SaaS platform for AI-powered multi-agent interactions with pay-per-session billing and Razorpay payment integration; containerized with Docker and deployed behind Nginx.

URL to Video – Next.js, Node.js, Express.js, OpenAI API, ElevenLabs, Redis – video.thitainfo.com

- Engineered an AI video generator supporting 4 modes (URL, Topic, Story, LeetCode to Video) with ElevenLabs TTS, Remotion for video rendering, and Redis for async job queue management.

Typer Games – React, Node.js, Express.js, Socket.io – typer.thitainfo.com

- Developed real-time multiplayer typing games with race and challenge modes using WebSocket communication via Socket.io and Node.js backend.

Chat With Your PDF – LangChain, OpenAI, Streamlit – streamlit.app

- Developed an AI application enabling intelligent conversations with PDF documents using a Retrieval-Augmented Generation (RAG) pipeline built with LangChain and OpenAI API.

Chai Choco Tailwind – JavaScript, Vite, ESM, UMD – npmjs.com/package/chai-choco-tailwind

- Published open-source npm package — a zero-build-step runtime CSS utility engine that scans the DOM and injects styles dynamically with no PostCSS, config, or compilation required.

Technical Skills

Languages: JavaScript, TypeScript, Python

Frontend: React, Next.js, TailwindCSS, HTML5, CSS3

Backend: Node.js, Express.js, REST APIs

Databases: MongoDB, PostgreSQL, Redis

AI / LLM: LangChain, LangGraph, OpenAI API, RAG Pipelines, GPT-4, ElevenLabs

DevOps & Tools: Docker, AWS, Nginx, Git, CI/CD, Agile, Scrum, Vite, npm

Education

Gujarat Technological University

Ahmedabad, India

Bachelor of Engineering – Computer Science

2017 – 2021