

Sagar Jariwala

Full-stack engineer focused on TypeScript/React/Node

Available

Gujarat, India

SKILLS

JavaScript, TypeScript, Java, Python, ReactJS, NextJS, VueJS, Redux, ExpressJS, NestJS, NodeJS, MySQL, PostgreSQL, MongoDB, AWS, Linux, Fastify, Ant Design, TanStack Query, Kysely, k6, Artillery, RAG, MUI, GatsbyJS, Algolia, Strapi, WebRTC, Socket.io

ABOUT

Driven and passionate Software Development Engineer with over 3.8 years of experience in crafting efficient software solutions and optimizing system performance. My expertise encompasses a wide array of technologies including Java, TypeScript, Node.js, and Spring Boot, coupled with hands-on experience in full-stack development and cloud technologies like AWS. At XpressBees, I enhanced user management and analytics through innovative dashboard creation, while at Yanolja Cloud Solution, I spearheaded a zero-downtime data migration strategy that drastically reduced onboarding times. My solid understanding of CI/CD, microservices architecture, and agile methodologies, paired with a B.Tech in Computer Science, prepares me to tackle complex challenges and contribute effectively to dynamic teams.

EXPERIENCE

Software Development Engineer · XpressBees

Mar 2026 – Present

- Architected the migration of a legacy IP tracking platform to layered architecture, delivering an optimized analytics dashboard that processes 1.5M+ daily logs through advanced query optimization and table partitioning.
- Integrated AuthBridge API and custom webhooks to seamlessly capture and process asynchronous Criminal Record Checks (CRC).
- Tech Stack: TypeScript, ReactJS, VueJS, Redux, NodeJS, PHP, PostgreSQL, AWS.

Software Engineer · Yanolja Cloud Solution

Aug 2024 – Mar 2026

- Architected and delivered a scalable data migration tool that accelerated client onboarding from 2 weeks to 1 day, automating migration for 3,000+ clients using a two-stage validation and import pipeline.
- Engineered a scalable automation pipeline that centralized and streamlined the localization workflow for over 28 languages, achieving a 95% reduction in processing time and saving hundreds of hours in developer effort.
- Designed and implemented a US-compliant ID verification system with real-time scanner integration, automating data capture and reducing customer on-boarding time.
- Migrated a legacy PHP booking engine to a modern stack, cutting API response times by 80% through concurrent processing and optimized Kysely queries, validated with rigorous k6 & Artillery load testing.
- Tech Stack: TypeScript, ReactJS, NextJS, Redux, TanStack Query, Ant Design, PHP, NodeJS, NestJS, Fastify, MySQL, AWS, Linux, RAG.

Software Engineer · OTPless

Feb 2023 – Jun 2024

- Built a high-performance dashboard UI with React and Material UI, prioritizing user experience and scalability.
- Developed complex front-end logic and dynamic UI components, showcasing expertise in interactive interfaces.
- Collaborated effectively with the front-end team to deliver a cohesive user experience.
- Tech Stack: TypeScript, ReactJS, NextJS, Redux, MUI, AWS.

Software Engineer Intern · Eshkon

Dec 2022 – Jan 2023

- Developed and integrated key features including search functionality, voice search, analytics dashboard, and third-party APIs for a real estate asset management platform.
- Improved website performance through rigorous testing with GTmetrix and Lighthouse.
- Tech Stack: GatsbyJS, Algolia, TypeScript, ReactJS, Strapi, MySQL.

EDUCATION

Gujarat Technological University · Bachelor of Engineering, Computer Science

Jul 2019 – Jun 2023

Gujarat, India

CGPA: 8.78

PROJECTS

Social Media Web App

MongoDB · ExpressJS · ReactJS · NodeJS

- Engineered a full-stack social media web app with robust session management and responsive design across all devices.
- Implemented core social features such as post creation/deletion, like/unlike functionality, and real-time commenting to enhance user engagement and interactivity.
- Integrated secure user authentication using JWT and bcrypt, along with protected routes, user search functionality, and a complete forgot/reset password flow via email verification.

Gather-Video Chat

JavaScript · NodeJS · WebRTC · Socket.io

- Built a real-time video chat application supporting one-to-one video and text communication with seamless peer-to-peer connections.
- Implemented random stranger matching functionality, enabling users to connect anonymously for video or text chat.
- Designed a clean, responsive UI and ensured smooth media stream handling with real-time messaging for a frictionless user experience.