

# Jaswanth Sai Sattenapalli

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in jassu225 🌐 jassu225

Experienced Senior Software Engineer with 7+ years of experience in full-stack web development and mobile applications. Led end-to-end projects delivering seamless user experiences. Likes to learn new technologies and solving problems. Currently exploring AI-assisted coding and custom model training using LoRA method.

## 📁 Professional Experience

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### Even 🌐

#### Senior Software Engineer

Feb 2023 - Apr 2025

- Led the V2 overhaul of an OPD portal, simplifying member authentication workflow across partnered facilities, improving efficiency and user experience.
- Engineered a new server - 'Pulse', an internal tool for doctors, to manage consultations, patient's medical history and issue e-prescriptions. Implemented read/write access control wrappers for API handlers as well.
- Developed a context-based server-side routing system, enabling dynamic URL behavior tailored to different teams and user contexts.

#### Software Engineer

Nov 2021 - Jan 2023

- Led the relaunch of the web on-boarding flow and resolved a major UX issue where users would unintentionally exit the flow via the browser back button or mobile gesture by implementing a route handling mechanism.
- Introduced an icon system for client-side web apps.
- Developed the first couple versions of the mobile app using Dart and Flutter.

### Unacademy 🌐

#### Senior Software Engineer

Jul 2021 - Nov 2021

- Developed the Web Planner feature, using IndexedDb and Web Workers for initialization and to ensure real-time data updates.

#### Software Engineer

Apr 2020 - Jun 2021

- Re-architected the web state management solution and improved performance by converting reducers from switch-case to map.
- Took initiative to cleanup and standardize the website's theme, collaborating with design and product teams across multiple pods.
- Integrated Strapi, a CMS, which powers static content delivery and dynamic marketing pages like Unacademy Summit.

### Rentomojo, Software Development Engineer 🌐

Dec 2019 - Mar 2020

### Analytics Quotient, Software Engineer

Jun 2018 - Nov 2019

- Developed a reusable left-panel.js plugin to streamline the rendering of multi-level filters, improving page load performance and reducing front-end development time.

## 🔗 Open source projects

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### browser-mock-api (npm) 🌐

A TypeScript library for intercepting and mocking fetch requests in browser environments. Perfect for frontend development, testing, and prototyping without backend dependencies.

### fire-memoize (npm) 🌐

A minimalist, request-scoped caching library for Google Firestore, designed for Node.js back-end frameworks. Reduces redundant firestore reads within a request.

## 🎓 Skills

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Javascript • Typescript • React.js • Next.js • Vue.js • Quasar • Web Development • Dart • Flutter • Golang • Firestore • GCP