

Jaswanth Sai Sattenapalli

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📁 portfolio

Experience

Even Healthcare, Joined as Software Engineer and promoted to Senior Software Engineer on **Feb 2023**.

Nov 2021 – Apr 2025

- Led the relaunch of the web on-boarding flow, resolving a major UX issue where users would unintentionally exit the flow via the browser back button or mobile gesture. This was addressed by implementing a route handling mechanism.
- Set up a new web application and back-end server (Pulse), including designing and implementing access control wrappers (read/write) for endpoint handlers.
- Developed a context-based server-side routing system, enabling dynamic URL behavior tailored to different teams and user contexts.
- Developed and launched the first version of the mobile app using Dart and Flutter.
- Gained hands-on experience across web, back-end, and mobile app teams, contributing to full-stack feature development.

Unacademy, Joined as Software Engineer and promoted to Senior Software Engineer on **Jul 2021**.

Apr 2020 – Nov 2021

- Developed and maintained the Web Planner feature, using IndexedDb and Web Workers for initialization and to ensure real-time data updates.
- Took the initiative to cleanup and standardize the website's color theme, collaborating with design and product teams across multiple pods.
- Integrated Strapi, a CMS, which powers static content delivery and dynamic marketing page templates across the web platform.

Rentomojo, Software Development Engineer

Dec 2019 – Mar 2020

- An online rental platform that provides furniture, appliances and electronics on a monthly rental basis.
- **Technologies used:** Vue.js, Nuxt.js for front-end, Node.js and loopback for server-side and Postgres for back-end.

Analytics Quotient (AQ), Software Engineer

Jun 2018 – Nov 2019

- Conceptualized and developed a reusable left-panel.js plugin to streamline the rendering of multi-level dashboard filters (internally known as the left-panel), used to visualize client survey data across countries and markets.
- The plugin dynamically builds HTML elements on-demand based on input parameters, drastically improving page load performance and reducing front-end development time.

Projects

Portfolio: CURSOR AI STITCH AI FIGMA MCP NEXT.JS

[Portfolio](#)

- Independently designed (using Stitch AI) and built a fully responsive, single-page personal portfolio to effectively showcase my professional experience.
- Deployed via Vercel, showcasing proficiency in modern CI/CD practices and front-end hosting platforms.

PhotoSphere: CURSOR AI STITCH AI NEXT.JS

[PhotoSphere](#)

- Implemented a photosphere view that uses Three.js to render a sphere of selected images.

kanban board: NEXT.JS

[kanban board](#)

- A project management dashboard that uses localStorage to store the data.

Task creator: NEXT.JS

[Task creator](#)

- A task management dashboard that creates a workload based on specified complexity and assigns a random (SUCCESS / FAILURE) status upon completion.

Photo Masonry: VUE.JS NUXT.JS FLICKER API

[Photo Masonry](#)

- A masonry layout of lazily loading photos with dark and light modes

Virtual Scroll List: REACT.JS

[Virtual Scroll List](#)

- An infinite scroll list implemented using windowing concept.

Education

NIT Durgapur

2014 – 2018

- **GPA:** 8.34 / 10.0
- **Course:** Computer Science & Engineering

Sri Chaitanya Jr. College, Tulasi Nagar

2012 – 2014

- **Percentage:** 97.2%.
- **Course:** Maths, Physics & Chemistry.

Publications

Evaluation and Detection of Hardware Trojan for Real-Time Many-Core Systems

2018

Suvadip Hazra, *Jaswanth Sai Sattenapalli*, Arka Roy, Mamata Dalui

[document/8703990](#)

Technologies

Languages: HTML, CSS, JavaScript, Dart, Golang

Technologies: Next.js, React.js, Flutter, Firebase authentication, Firestore, Google Cloud Platform (GCP).