

Aniket

Senior Software Engineer

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SUMMARY

Senior Software Engineer (6+ years of experience) & Claude Certified Architect I build scalable, high-performance web applications using clean architecture. Proven success delivering high-impact solutions for US and global markets, with a passion for solving complex technical challenges.

EXPERIENCE

Senior Software Engineer, *Velotio*

08/2023 – Present
Remote, India

- Engineered an **AI-driven** bill processing platform utilizing **NestJS**, **Python**, **Next.js**, and **AWS** to automate multi-service PDF data extraction, accelerating the pipeline and enabling 95% of bills to be processed with zero human intervention.
- Architected and implemented a **Retrieval-Augmented Generation (RAG)** pipeline, integrating **OpenAI** for Large Language Model (LLM) services and PostgreSQL with the **pgvector** extension for vector embedding storage.
- **Architected** a full-stack migration strategy for a legacy platform, transitioning a legacy Ruby on Rails (RoR) application to a modern **Express.js** and **React.js** architecture, significantly improving UI responsiveness and load speeds.
- Developed a white-label solution (**Typescript + React.js + Redux**) for **Stere Insurance** for selling insurance globally by integrating with any kind of web application.
- Developed an **AI-powered** image editor using **React.js + TypeScript**, for generating AI-enhanced images tailored for impactful advertisements on platforms like Facebook and LinkedIn.
- Set up **Playwright** test cases and improved test coverage by leveraging **Playwright MCP** for writing test suites faster.
- Accelerated feature delivery for the platform by leveraging AI-assisted development tools (**Cursor & Claude Code**), increasing feature turnaround time from 2 weeks to 4 days.

Senior Software Engineer, *Jiffy.com (E-commerce | US & Canada)*

10/2025 – 04/2026
Remote, India

- Built a **Redraw Image** feature using **Vue.js**, **React**, and **TypeScript**, enabling users to request cleaner artwork. This reduced order cancellations and improved communication between customers and designers.
- Integrated **Message-consent flow** using **JavaScript and React**, helping the marketing team run compliant campaigns and increasing overall conversions.
- Improved site **SEO** by fixing **redirect issues** and optimising **page metadata**, resulting in better international search visibility across the US and Canada.
- Added enhancements to the Design Lab (**React.js**) by improving editing tools, and added **Playwright** automation for design lab testing.

Software development engineer, *Yellow.ai*

12/2021 – 08/2023
Bengaluru, India

- Engineered a user identification flow in **TypeScript + React.js + Redux**, leveraging **Reactflow** for a seamless user identification journey, automating the process, and enhancing efficiency.

- Identified and resolved **CSS bundle size** issues, reducing it **from ~600kb to ~85kb** by eliminating redundant .less files and introducing **Tailwind**.
- Developed the front end (**React + Typescript**) of the Bot Builder, contributing to a **30% increase** in self-serve user adoption of the product.
- Implemented **microfrontend** architecture for integrations and marketplace module, reducing deployment time by **80%**, and enabled standalone module deployments.
- Developed all marketplace modules (**React.js + Express.js**), introducing bot import and export functionalities.
- Led a team of 2 engineers & 1 designer to enhance the overall quality of the chat builder platform. Identified gaps between the user experience (UX) and functionalities, and increased test coverage using **Playwright**.

Software Engineer, *Rocketium*

03/2020 – 12/2021
Bengaluru, India

- Built a Bulk Image Edit feature with (**TypeScript + React + Redux**), allowing users to simultaneously edit **10,000+ images** in the browser, resulting in approximately **50%** reduction in campaign editing.
- Architected a custom font family upload feature in **TypeScript + Node.js**, enabling users to define their custom font family definitions aligned with their brands. This enhancement resulted in improved brand representation through custom fonts in creatives.
- Developed critical platform modules-campaign, authentication, template library, and media library-utilizing (**React + Redux + TypeScript**), ensuring seamless functionality and user experience.
- Led the **TypeScript** integration initiative, resulting in a **7% reduction** in platform crashes caused by null exceptions.
- Executed **SVG** upload functionality in (**React + Redux + Node.js**), empowering users to upload high-quality SVG images for their creatives. This initiative resulted in a **50% improvement** in creatives, with smaller file sizes optimized for web and mobile applications.
- Architected an image processing module using **AWS serverless** and **WebSockets**, implementing batching for optimization, resulting in a **40% reduction** in campaign turnaround time.
- Developed a **mobile-friendly** media library with a strong focus on performance and **user experience** (UX), ensuring smooth interactions and faster asset loading.

SKILLS & TECHNOLOGIES

- **Programming Languages:** JavaScript, TypeScript, Python
- **Frameworks:** Next.js, React.js, Nest.js, Vue.js, Express.js
- **Testing tools:** Jest, Cypress, Playwright.
- **UI Libraries:** Tailwind CSS, Material UI, Ant Design, ShadCN UI
- **Database Systems:** MongoDB, PostgreSQL
- **Cloud Technologies:** AWS, Azure, Cloudfront
- **DevOps & Version Control:** Git, Docker
- **Other Tools & Technologies:** JIRA, Cursor, Claude Code

EDUCATION

Bachelor of Computer Science, *Chitkara University*

- GPA: 9.6/10

2017 – 2021
Chandigarh, India