

Sachin Patel

SR. SOFTWARE ENGINEER

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SUMMARY

- Experienced Software Engineer with 14+ years in building scalable, user-centric web applications — specializing in front-end development with React and Next.js, including initial 3 years of full-stack development experience.
- Passionate about creating responsive, high-performance interfaces and driving UX improvements through data-driven design.
- Strong collaborator and focused on delivering impactful solutions aligned with business goals.

WORK EXPERIENCE

Sr. Software Engineer, Pelago, Singapore

Nov 2021 – Present

Pelago provides travel experiences across the globe. It's users can buy attraction and event tickets from anywhere for more than 2000+ destinations.

- Owned the design and implementation of a multi-item checkout flow in NextJS and TypeScript, to increase in average order value. Built modular, reusable components (e.g., Mini Cart, Cart Summary and List) with a focus on maintainability and scalability.
- Independently led the design and implementation of key features like Wishlist and Ticket Redemption, focusing on seamless user experience and scalable architecture.
- Built a front-end feature toggle system supporting multi-partner configurations, allowing partners like KrisPlus to embed Pelago's web app with tailored feature sets.
- Developed an in-app experimentation logic for rapid feature toggling and variant rollout, empowering the product team to make evidence-based design decisions.
- Migrated to Stripe Payment Elements, consolidating credit cards, Apple Pay, Google Pay, and PayNow into a single secure component, significantly reducing the transaction fees.
- Worked on integrating Split payment capabilities using stripe's Vault and Forward API.
- Implemented browser-fingerprinting (fingerprint.js) and real-time behavior tracking to display contextually relevant promotional banners, boosting checkout completion rates.
- Enhanced FE error monitoring with Sentry and server-side errors in Datadog.

Sr. Software Engineer - FRONT-END, ZIMBRA (SYNACOR INC.), India

Sep 2018 – Nov 2021

Zimbra (Synacor inc.) collaboration suite is one of the widely used Open source email web server and web client. My activities and responsibilities include as following:

- Spearheaded the development of key product features end-to-end, from technical spec discussions to agile delivery using JIRA.
- Engineered an offline "Sync" feature for the Electron desktop app using SQLite and local file systems to support seamless data access without connectivity.
- Built automated test coverage using Mocha and Chai, enhancing code reliability and supporting CI workflows.

- Refactored legacy code and optimized performance, reducing idle CPU usage and improving UI responsiveness.
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SR. PRODUCT ENGINEER - FRONT-END, ezDI, India

Sep 2016 – Aug 2018

ezDI provides SaaS tools for clinical documentation and medical coding in the US healthcare domain.

- Led modernization efforts by migrating legacy Backbone.js applications to Angular, enhancing performance and developer experience.
 - Built cross-framework interoperability between products (ezEncoder and Codebook), streamlining workflow and improving UX consistency.
 - Collaborated with designers and product managers to translate complex healthcare workflows into intuitive interfaces.
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UI DEVELOPER, AZOI, India

Nov 2013 - Aug 2016

AZOI is a health-tech startup behind “KITO,” a mobile-powered fitness tracker.

- Independently built and launched responsive product websites and internal tools using JavaScript, jQuery, and Bootstrap, ensuring cross-device compatibility.
 - Developed a real-time sales and usage dashboard using React and D3, enabling data-driven decision-making.
 - Integrated Stripe for online payments and handled end-to-end UX/UI for customer-facing platforms.
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Software Developer, Tatvic, India

Jan 2011 – Nov 2013

Tatvic specializes in web analytics solutions and optimization tools for e-commerces.

- Developed and maintained PHP APIs and a VBA plugin for Excel to retrieve analytics data from Google products, enabling rich offline reports.
 - Created an interactive anomaly detection dashboard using D3.js, visualizing traffic spikes and anomalies across web properties.
 - Implemented A/B testing strategies using Google Tag Manager for high-traffic e-commerce clients.
 - Delivered plugin-based recommendation engines for WordPress, Joomla, and Magento, driving conversion optimization.
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SKILLS

Frontend & UI: JavaScript | TypeScript | ES6 | React | Next.js | Angular | CSS | Bootstrap | D3.js

Backend & Full-Stack: Node.js | Express | GraphQL | Knex.js | MongoDB | MySQL

Tooling, Testing & Others: Webpack | Mocha | Electron

EDUCATION

M.Sc., IT, Dhirubhai Ambani Institute of Information & Communication Technology, India

2009-11