

SATYAM CHOUREY

Senior Full Stack Developer | Frontend & Integration Specialist

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Professional Summary

Senior Frontend & Full Stack Engineer with 6+ years of experience building scalable, high-performance web applications and real-time interactive platforms across E-Commerce, Healthcare, Media, and SaaS domains. Expertise in React, Next.js, TypeScript, modern browser APIs, and asynchronous UI architectures, with strong experience designing responsive, accessible, and low-latency user experiences.

Experienced in building conversational AI interfaces, streaming UI workflows, API-driven applications, and real-time integrations using WebSockets, REST APIs, and event-driven systems. Strong understanding of browser rendering pipelines, frontend performance optimization, state synchronization, virtualization strategies, and resilient UI engineering.

Proven track record collaborating with product, design, backend, and integration teams to deliver production-grade systems with strong reliability, accessibility, observability, and developer experience standards. Passionate about AI/LLM-powered applications, streaming interfaces, frontend architecture, and mentoring engineering teams.

Technical Skills

Frontend Technologies:

React.js, Next.js, Vue.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Material-UI, Bootstrap, Tailwind CSS, jQuery

Real-Time & Browser APIs:

WebSockets, Server-Sent Events (SSE), Streaming UI Patterns, requestAnimationFrame, IntersectionObserver, ResizeObserver, AbortController, Async/Await, Debouncing, Throttling, Virtualized Rendering

Frontend Architecture & Performance:

State Management, Incremental Rendering, Lazy Loading, Error Boundaries, Accessibility (WCAG/ARIA), Browser Rendering Optimization, Chrome DevTools Profiling, Caching Strategies, Component-Based Architecture, Responsive Design

Backend & APIs:

Node.js, Express.js, Ruby on Rails, REST APIs, GraphQL, Authentication (JWT, OAuth, Azure AD), Webhooks

Testing & Developer Experience:

Jest, Unit Testing, Integration Testing, TDD, CI/CD Pipelines, GitHub Actions, ESLint, Prettier, Agile Development

Databases & Cloud:

PostgreSQL, MySQL, SQL Server, MongoDB, AWS, Docker, Linux, Git

AI & Integration Technologies:

LLM-Powered Applications, Ollama, DeepSeek R1, Natural Language to SQL Systems, Dell Boomi AtomSphere, NetSuite SuiteScript, Salesforce, ETL Processes, API Integrations, Data Migration

Professional Experience

Senior Software Consultant

Jul 2025 - Current

Click Spurr Ltd

- Serving as a Software Consultant on Shopify-based e-commerce platforms, delivering end-to-end feature development and production support for high-traffic online stores.
- Designed and implemented responsive, high-performance frontend experiences using JavaScript (ES6+), Liquid, HTML5, CSS3, and component-driven UI architecture.
- Built reusable UI components and optimized rendering performance for high-traffic storefronts across desktop and mobile devices.
- Developed asynchronous workflows and real-time integrations using APIs and webhooks to synchronize inventory, customer, and order data.
- Implemented analytics instrumentation, event tracking, conversion funnels, and telemetry systems to monitor user interactions and platform performance.
- Optimized frontend performance by reducing unnecessary re-renders, improving asset delivery, and enhancing page responsiveness.
- Built resilient API integrations with payment gateways, shipping providers, and third-party services with retry and failure-handling mechanisms.
- Collaborated with stakeholders to rapidly prototype and deliver user-focused features in agile environments.

Lead Software Engineer

Jan 2023 - Jul 2025

Aretove Technologies Inc., Manhattan, NY

- Architected component-based applications with React, Next.js, and TypeScript, improving SEO rankings and reducing load times by 50%.
- Built dynamic, real-time UI experiences with optimized rendering flows, asynchronous state updates, and API-driven interactions.
- Collaborated closely with product managers, UX designers, and backend engineers to deliver production-grade user experiences and validated workflows through iterative prototyping and A/B testing.

- Improved frontend resiliency by implementing defensive UI logic, error handling, retry flows, and graceful degradation strategies.
- Enhanced frontend performance using lazy loading, optimized rendering patterns, and efficient state synchronization techniques.
- Introduced CI/CD pipelines using GitHub Actions, improving deployment reliability and reducing release overhead.
- Implemented Azure AD SSO authentication and secure session management for enterprise-scale applications.
- Mentored engineers on frontend architecture, performance optimization, modern JavaScript patterns, testing strategies, and scalable component design.
- Contributed to shared frontend standards, reusable component systems, and development workflow improvements.

Senior Full Stack Developer

Mar 2021 - Dec 2022

Aretove Technologies Inc., Manhattan, NY

- Built responsive and accessibility-compliant interfaces using React and Material-UI, adhering to WCAG accessibility standards.
- Developed highly interactive frontend applications powered by REST APIs and asynchronous JSON-based data flows.
- Optimized frontend rendering performance and backend response times to support smooth, responsive user experiences.
- Led Dell Boomi and NetSuite integration projects involving complex API orchestration, ETL processes, and enterprise data synchronization.
- Improved Ruby on Rails application performance by up to 80% while maintaining security and stability standards.
- Collaborated across cross-functional teams to deliver scalable frontend systems and reusable application modules.
- Participated in code reviews, technical mentoring, debugging sessions, and production support initiatives.

Full Stack Developer

Sep 2019 - Feb 2021

Aretove Technologies Inc., Manhattan, NY

- Developed Node.js and Rails backends with PostgreSQL and API-driven integrations.
- Created custom Shopify themes and implemented analytics tools (Heap, Tealium, Dynamic Yield), increasing site performance by 40%.
- Built functional, reusable front-end components with ES6+ and Bootstrap, ensuring cross-platform compatibility.

Freelance WordPress Developer

Feb 2019 - Jul 2019

Pune, Maharashtra, India

- Conducted comprehensive requirement analysis and created custom UI solutions from client wireframes
- Integrated WordPress CMS with custom functionality using HTML5, CSS3, jQuery, and JavaScript
- Managed full project lifecycle from development to hosting deployment and domain configuration

Web Developer

Jun 2017 - Aug 2017

Fausto Events, Pune, Maharashtra, India

- Built responsive static websites using HTML, Bootstrap, and JavaScript with mobile-first approach
- Managed complete website hosting and deployment processes ensuring seamless go-live experiences

Education & Leadership

Bachelor of Technology in Computer Science

July 2019

Bharti Vidyapeeth Deemed University, Pune, Maharashtra, India

Leadership Experience: Curriculum Head & Founding Member of Leo Education Program - Led a team of 50+ volunteers in educational initiatives for underprivileged children, demonstrating strong project management and social impact skills.

Certifications & Achievements

- Dell Boomi Certified (Associate + Professional Integration Developer)
- Experience applying TDD and automated testing for reliable, high-quality codebases.
- Delivered cross-industry solutions (E-Commerce, Healthcare, Media, NGOs) with measurable performance gains.
- Recognized for mentoring teams and optimizing development workflows with CI/CD and modern frontend practices.
- Built a Next.js-based conversational AI application that allows users to query PostgreSQL databases using natural language. Leveraged DeepSeek R1 LLM running locally via Ollama to convert natural language prompts into executable SQL queries.