

Vijay Sudam Shinde

Senior Frontend Architect | AI-Driven Product Developer Pune,

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*Strategic Frontend Lead with **10+ years of expertise** architecting high-performance web applications for industry leaders like **TVS** and **Bajaj**. Expert in **React, Next.js, and Salesforce LWC**, currently specializing in **AI-augmented development** using Cursor AI to accelerate product delivery by 50%. Proven track record of delivering secure, pixel-perfect financial and e-commerce solutions that drive user engagement and conversion.*

Technical

Modern Web Stack: React, Next.js (App Router), TypeScript, JavaScript (ES6+), Salesforce LWC, LDS, Bootstrap

AI Engineering: Cursor AI (Prompt Engineering), Claude/GPT-4 API Integration, Generative UI, Vercel AI SDK. Wordpress

UI & Design: HTML & CSS, Tailwind CSS, Sass, Figma-to-Code, Responsive Design, WCAG 2.1 Accessibility.

DevOps & Performance: Web Vitals Optimization, SEO, Git, JIRA, REST/GraphQL Integration.

Recent Product Innovation

Independent Product Architect & SaaS Developer Leveraged AI-Augmented Workflows (Cursor AI, GPT-4o) to reduce traditional development cycles by 60%, building and deploying two high-traffic financial-tech utilities from scratch.

1. GetPayslip (SaaS Document Engineering Tool)

- **The Problem:** Traditional payroll software is bulky and lacks instant, customizable branding for small businesses.
- **The Productivity Edge:** Engineered a **Zero-Server PDF Generation** system using **React** and **Tailwind CSS**, allowing for instant client-side rendering without recurring server costs.
- **Micro-Level Innovation:**
- Developed a **Generative UI Customization Engine** where users can modify document schemas (fonts, margins, branding) with real-time state synchronization.
- Implemented a **Modular Component Architecture** that supports unlimited custom fields (Earnings, Deductions, Reimbursements) via a dynamic state-management layer.
- Optimized for **SEO & Speed:** Achieved a **100/100 Lighthouse Performance Score** through aggressive asset minification and static-site generation (SSG) via Next.js.

[URL: www.getpayslip.com](http://www.getpayslip.com)

2. Pro Income Tax Calculator (Advanced Logic Engine)

- **The Problem:** Indian tax laws are complex (Old vs. New Regime), making it difficult for users to visualize the best savings path.
- **The Productivity Edge:** Built a **Dual-Regime Comparative Engine** that processes 50+ financial data points in under **10ms**, providing instant side-by-side tax liability analysis.
- **Micro-Level Innovation:**
- **Automated Tax Summary Reports:** Architected a data-aggregation layer that compiles multi-source income (Salary, House Property, Capital Gains) into a **professional summary report** for immediate download.
- **Dynamic Deduction Logic:** Programmed conditional validation for 80C, 80D, and HRA exemptions, reducing user input errors by **40%** through real-time feedback loops.
- **Scalable Calculation Logic:** Abstracted the tax math into a standalone, unit-tested utility library, ensuring easy updates for Finance Act 2025/26 without re-writing the UI.

[URL: www.incometaxcalculatorindia.com](http://www.incometaxcalculatorindia.com)

Professional Experience

Front-End Developer | Independent Consultant 2024 – Present

- Developed modern, responsive UI components using Next.js, React, Tailwind CSS, and Bootstrap, improving UI consistency and delivering faster feature iterations.
- Integrated REST/GraphQL APIs in Next.js with clean state management patterns, reducing data fetch errors and enhancing real-time responsiveness across modules.
- Built immersive user experiences with GSAP animations, improving engagement and interaction rates while maintaining smooth performance on all devices.
- Converted Figma and Adobe XD designs into pixel-accurate interfaces using React + Tailwind + Bootstrap, increasing design fidelity and UX quality across platforms.
- Engineered scalable frontend workflows supporting Salesforce Lightning UI integration, ensuring design alignment and improved productivity for cross-system usage.
- Delivered fully functional marketing sites using WordPress, enabling clients to manage content independently and improving SEO-driven traffic and conversions

UI Consultant | Cloudwerx Solutions India (Salesforce) 2022 – 2024

- Designed and developed Salesforce Lightning Web Components (LWC) with compact, user-centric UI patterns, improving task efficiency for enterprise users.
- Implemented Lightning Design System (SLDS) for consistent theming, accessibility, and responsive behavior across complex business modules.
- Built reusable UI utilities using pure JavaScript, reducing component duplication and accelerating development velocity across multiple Salesforce orgs.
- Optimized component rendering, data handling, and client-side logic, improving performance and reducing DOM throughput issues in large datasets.
- Collaborated with product owners and solution architects to translate business workflows into intuitive UI flows, enhancing usability for sales & support teams.
- Integrated UI components with Apex controllers, REST APIs, and external services, ensuring reliable data sync and seamless cross-platform functionality.

Associate Tech Lead | Extentia Information Technology 2015 – 2022

- Led frontend delivery across Angular, React, and Salesforce Lightning projects, ensuring scalable architectures and consistent design patterns.
- Designed modular UI components using Angular & React, improving feature reusability and reducing overall development time across teams.
- Developed enterprise-grade Lightning Web Components and integrated Salesforce Lightning Design System (SLDS) for consistent UX across orgs.
- Built responsive websites using HTML, JavaScript, Bootstrap, and Foundation framework, ensuring cross-browser compatibility and mobile-first layouts.
- Implemented advanced CSS and SVG animations, enhancing visual engagement and improving user interaction without compromising performance.
- Customized and deployed content-driven websites using WordPress and Wix, enabling clients to manage content independently with minimal support.
- Integrated frontend applications with SAP and other backend systems via REST APIs, improving data sync reliability and reducing manual processing.
- Optimized page performance through lazy loading, code splitting, and caching, improving Lighthouse scores and reducing first contentful paint times.
- Guided developers with code reviews, architecture decisions, and UI/UX best practices, improving team velocity and code quality standards.
- Collaborated with designers, QA, and backend teams to deliver feature-rich products on time, improving sprint delivery success and stakeholder satisfaction.

Education & Certification

10th and 12th from Maharashtra Board, Pune

Diploma in Multimedia, Edit Institute, Pune

Certifications: AI-Augmented Development (2025), Salesforce Certified Administrator.