**SURYODAY VADLAMANI**

**Senior Next.js Developer & Full-Stack Engineering Leader**

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**PROFESSIONAL SUMMARY**

**Senior Next.js Developer** and Full-Stack Engineering Leader with **12+ years** of experience building scalable e-commerce and enterprise applications. Specialized in modern React ecosystem with deep expertise in **Next.js, Tailwind CSS, and component-driven architecture**.  
  
Proven track record developing **high-performance e-commerce interfaces** serving 500K+ users, with expertise in product catalogs, shopping carts, and payment integrations. Strong background in **AI-assisted development**, performance optimization (35-40% improvements), and leading cross-functional teams in agile environments. Experienced in **Vercel deployment, SEO optimization**, and headless CMS integration with focus on responsive design and accessibility standards.

**CORE TECHNICAL SKILLS**

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| **Frontend Development** | Next.js (3+ years), React.js (8+ years), TypeScript, JavaScript ES6+, HTML5, CSS3 |
| **Styling & UI** | Tailwind CSS, Shadcn UI, Component Libraries, Responsive Design, CSS-in-JS |
| **E-commerce** | Product Catalogs, Shopping Carts, Payment Integration, User Authentication, SEO |
| **Development Tools** | AI-Assisted Development (GitHub Copilot, Cursor), Git, Webpack, Vite |
| **Backend & APIs** | Node.js, .NET Core, REST APIs, GraphQL, API Integration |
| **Cloud & Deployment** | Vercel, AWS (Lambda, API Gateway, DynamoDB), CI/CD Pipelines |
| **Testing & Quality** | Jest, React Testing Library, Cypress, TDD, Code Coverage (80%+) |

**PROFESSIONAL EXPERIENCE**

**Software Engineering Senior Advisor**

*Evernorth, Hyderabad | October 2024 - Current*

* Led development of comprehensive **Next.js-based medical insurance platform** serving 500K+ customers with advanced e-commerce features including product catalogs, comparison tools, and checkout flows
* Architected **React/Next.js microservices** with Tailwind CSS and Shadcn UI components, implementing real-time data aggregation from 15+ insurance providers using AWS Lambda and API Gateway
* Implemented **AI-assisted development workflows** using GitHub Copilot and modern tooling, increasing team productivity by 40% while maintaining 80% code coverage
* Mentored development team of 3 engineers on **Next.js best practices, performance optimization, and modern component architecture** with state management patterns
* Ensured **responsive design principles and accessibility standards** across all customer-facing interfaces with HIPAA compliance and security best practices
* Collaborated with product management to translate complex healthcare requirements into **scalable Next.js applications with optimal user experience**

**Lead Software Engineer**

*Ellucian, Hyderabad | February 2023 - October 2024*

* Translated customer requirements into **robust Next.js and React applications** with test-driven development approach for educational technology solutions
* Led cross-functional team of 8 developers in delivering **modern web applications with component-driven architecture** and responsive design for 200+ institutions
* Developed advanced **digital repository frameworks** using React, Next.js, and modern JavaScript with integrated systems and API-driven architecture
* Designed and implemented **engineering specifications for scalable web applications** with performance optimization and SEO best practices

**Team Lead**

*Tata Consultancy Services, Hyderabad | September 2021 - February 2023*

* Developed and implemented **React-based e-commerce components** and bug fixes for existing web applications with focus on product listings and user interfaces
* Designed strategic plans for **component development practices using modern frameworks** including React, Next.js, and Tailwind CSS to support future projects
* Directed and supervised team of 9 engineers in **modern web development projects** with emphasis on responsive design and performance optimization
* Conducted comprehensive code reviews ensuring **quality standards and best practices** in React/Next.js development with documentation standards

**Senior Analyst**

*Deloitte Support Services, Hyderabad | January 2018 - September 2021*

* Pioneered development of **interactive web applications using React and Angular** with modern JavaScript frameworks and component-based architecture
* Created comprehensive **REST APIs using .NET Core** for seamless frontend-backend integration supporting e-commerce and business applications
* Developed **single-page applications with responsive design** and interactive visualizations using modern web technologies and best practices
* Implemented **Microsoft Chat bot applications** with advanced AI/ML integration for improved user experience

**Software Developer**

*Accenture Pvt Ltd, Hyderabad | September 2016 - January 2018*

* Developed **front-end interfaces using modern JavaScript and HTML/CSS** with focus on responsive design and user experience optimization
* Implemented **custom client-side scripting solutions** for enhanced user interactions and dynamic content management
* Created **single-page applications using Angular** with modern component architecture and state management patterns
* Built **automated workflows and forms** with advanced validation and conditional formatting for improved user experience

**EDUCATION**

**Bachelor of Science: Computer Science and Engineering**

*Vignan Institute of Information and Technology, Visakhapatnam, India | 2008-2012*

**KEY ACHIEVEMENTS**

* Successfully led development teams of 6-9 engineers in enterprise application delivery
* Achieved 35-40% performance improvements through optimization techniques
* Maintained 80%+ code coverage across critical user journeys
* Served 500K+ users with scalable healthcare insurance platforms
* Implemented HIPAA compliance and security best practices
* Expert in modern deployment practices using Vercel and AWS cloud services