

Naveen Ramkumar Varadarajan

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Professional Summary

I build and ship end-to-end product experiences — from design systems and accessible component libraries to backend APIs and cloud infrastructure. I've owned full product surfaces at scale: real-time chat, scheduling, form tooling, and data-heavy grids serving enterprise teams. Beyond the frontend, I've been building with AI APIs and agentic frameworks (ElevenLabs, Claude, LangChain, LangGraph, LangSmith) to explore what the next generation of intelligent product interfaces looks like. I move fast, care deeply about craft, and actively use AI tools to raise the quality bar and ship faster.

Experience

Prendio, Senior AI enabled Frontend Architect & UI Governor

Chennai, India
Jan 2024 - Present

- Designated as the UI Governance Lead, championing organization-wide standards for design systems, accessibility, and code consistency across all frontend initiatives.
- Built an internal RAG-powered procurement assistant using LangChain and LangGraph, enabling natural language querying over Purchase Order history and vendor documents, reducing customer support queries by almost 50%
- Orchestrated the overhaul of Prendio's frontend ecosystem by building a scalable architecture using React, TypeScript, and Chakra UI, boosting maintainability, performance, and team efficiency across multiple verticals.
- Engineered and curated the Prendio Design System and Storybook-based component library, empowering teams to deliver consistent, accessible, and reusable UI elements aligned with product design.
- Refined virtualized rendering pipelines using react-window and React Query, achieving up to 70% reduction in unnecessary re-renders and improving performance in heavy data grids.

ZoomInfo, Senior Frontend Developer

Chennai, India
Oct 2020 - Dec 2023

- Spearheaded the creation and maintenance of various React-driven micro-frontends, libraries, and monolithic architectures at ZoomInfo, prioritizing scalability and resilience.
- Directed the transformational effort at ZoomInfo to transition from a monolithic frontend structure to a modular micro-frontend framework, resulting in improved development velocity, scalability, and independent deployment capabilities across cross-functional teams.
- Served as a India's subject matter expert on React and frontend development methodologies across ZoomInfo while owning ZoomInfo Chat, ZoomInfo Schedule, ZITag and ZoomInfo FormComplete
- Designed and published the React component library for the entire ZoomInfo ecosystem
- Implemented advanced socket optimization techniques leveraging Pusher.js for the Chat and Schedule applications, achieving an 80% reduction in data transmission overhead and saving approx \$5000 / month.

Kuvera Inc, Full Stack Developer

Bengaluru, India
Jan 2020 - Oct 2020

- Lead and executed the Loan against Security project, the Mutual Fund Portfolio replication project and the KYC portfolio implementation.
- Evaluated and integrated third-party React libraries and tools, balancing innovation with reliability to meet Kuvera's evolving business needs
- Orchestrated both unit testing and functional testing for the entire product.

PayPal, Full Stack Engineer

San Jose, CA, USA
Aug 2017 - May 2019

- Worked for the famous PayPal Innovations and Hardware Labs Team, and was involved in creating, authorizing, tokenizing, and securely transferring Payment Credential Data (PCD) onto a Secure Element (Hardware Wallet).
- Created and maintained backend servers for the Innovations & Hardware Labs team using Node.js, React.js, Express.js, developed RESTful services and hosted the server securely on Amazon EC2 instances.
- Developed a Kiosk that enhanced performance of Onboarding the user for the OneFob while maintaining simplicity, safety and security

Education

Northeastern University, MS in Computer Systems Engineering

Boston, MA, USA
Jan 2015 - Jan 2017

National Institute of Technology (NIT), BTech in Electrical & Electronics Engineering

Trichy, India
Jan 2011 - Jan 2015

Courses

DeepLearning.AI / Stanford University, Neural Networks & Deep Learning

DeepLearning.AI / Stanford University, CNNs, Sequence Models, and NLP Applications

DeepLearning.AI / Stanford University, Supervised, Unsupervised & Reinforcement Learning

DeepLearning.AI / Stanford University, Advanced Hyperparameter Tuning & Optimization

Skills

Frontend: React 18, Next.js, TypeScript, Redux, Swagger, Storybook

Artificial Intelligence: LangChain, Langraph, LangSmith, Claude Code, Cursor, RAG systems

Performance: Lighthouse, Web Vitals, React Profiler, Compression & Minification, Virtualization.

Tooling: Vite, Webpack, Vitest, Jest, ESLint, Prettier, GitLab CI/CD, CircleCI

Backend & APIs: Node.js, Express, Hapi, Koa, REST API Design & Integration

Cloud/DevOps: AWS (EC2, S3, CloudFormation), GCP, Docker, Kubernetes

Architecture: Design Systems, Micro-frontends, UI Governance, Accessibility (ARIA/WCAG 2.1)

Achievements

- Developer Kudos - Dec 2024, April 2025 and September 2025 at Prendio
- Developer of the month - multiple times at ZoomInfo including being the only person to win it consecutively twice.