

Nagesh Kulkarni

Senior Front-End Developer

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Profile

Senior Frontend Engineer with 7+ years specializing in React, Next.js, and TypeScript and 10+ years of total frontend experience. Proven expertise in frontend system design, scalable architecture, and real-time systems (WebSockets). Strong focus on performance optimization, accessibility (A11y), RESTful API integration, and component-driven development, consistently delivering enterprise-grade user experiences across large-scale, data-heavy applications.

Professional Experience

Reva.ai, Sr. Software Engineer III, Software Engineering

December 2023 – April 2026

Bengaluru, India

- Owned frontend development for an enterprise authorization platform using Next.js, TypeScript, and Chakra UI, integrating RESTful APIs to deliver 10+ major features across multiple releases.
- Designed complex UI workflows including policy builder, schema builder, and access visualization systems, improving workflow efficiency and reducing manual effort.
- Built AI-powered chat interface with real-time streaming using WebSockets and persistent chat history, enabling dynamic user interactions and faster decision-making.
- Built a reusable component library of 10+ accessible (A11y-compliant) components, standardizing UI patterns and reducing development time by ~30%.
- Improved performance using code splitting, lazy loading, and memoization, reducing initial load time and improving UI responsiveness.

Saviynt, Sr. Software Engineer, Software Engineering

April 2019 – December 2023

Bengaluru, India

- Developed enterprise Identity Governance platform using React functional components with hooks and Material UI, supporting large-scale enterprise workflows with React Testing Library coverage in an Agile/Scrum environment.
- Built reusable component libraries for forms and data grids (20+ components) adopted by 3 frontend teams, improving development efficiency and accessibility (A11y) compliance.
- Documented and maintained the component library using Storybook, enabling isolated development, standardized UI patterns, and faster onboarding across teams.
- Optimized frontend performance for data-heavy applications using memoization and lazy loading, improving rendering efficiency and user experience.

Qwinix Technologies Pvt. Ltd, Software Developer

October 2016 – March 2019

Mysuru, India

- Built Single Page Applications using AngularJS for multiple client projects, gaining strong fundamentals in component-based architecture and frontend development patterns.

- Began frontend career building e-commerce web applications using HTML5 and CSS3.

Skills

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), AngularJS

State Management: Redux Toolkit, Context API, TanStack Query (React Query)

UI & Styling: Sass, SCSS, Tailwind CSS, Chakra UI, Material UI, Ant Design, Bootstrap

Design Systems: Component Libraries, Design Tokens, Storybook Documentation, Theming

Architecture: Component Design, Scalable Frontend Architecture

Performance & Real-time: Code Splitting, Lazy Loading, Memoization, WebSockets, Streaming UI

Testing: React Testing Library, Jest, Cypress

Tools: Git, GitHub Actions, CI/CD, Docker, Vercel, Webpack, npm, pnpm, Yarn

APIs & Integration: REST APIs, JSON, Axios, Fetch API, GraphQL

Authentication & SSO: OAuth 2.0, OpenID Connect, JWT, Okta, Auth0, AWS Amplify Auth, NextAuth.js

AI Engineering & Tools: LLM Integration, Generative UI, Tool Calling, Vercel AI SDK, Anthropic SDK, Streaming UI (RSC), Cursor, Claude Code

Accessibility: WCAG, ARIA, Semantic HTML, A11y Compliance

Methodology: Agile, Scrum, Sprint Planning, Code Reviews, Pair Programming

Projects

Enterprise Authorization Platform, Technology – Next.js, TypeScript, Chakra UI.

Built an authorization and policy management platform for defining, managing, and visualizing access control workflows. Developed schema-driven systems, graph-based visualizations, and real-time AI-powered interfaces for dynamic policy interactions

Saviynt IGA, Technology – React JS, Redux, React Material UI.

Enterprise Identity Governance and Administration (IGA) platform serving large global enterprises with identity lifecycle management, access certification, and policy enforcement. Contributed to core frontend modules using React and Redux, built reusable form and data-grid component libraries adopted across multiple teams, and standardized UI patterns with Storybook documentation.

AYU – Web Application, Technology – Angular JS, Twitter Bootstrap.

Community management platform for property managers and residents — events, reservations, maintenance requests, and service tickets

Languages

English | Kannada | Hindi

Education

Maharaja Institute Of Technology,
Bachelor of Engineering in Information Science

August 2010 – July 2014

Mysore, Karnataka