

Awadhesh Kumar

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Professional Summary

Senior Software Engineer with 6+ years of experience architecting and delivering scalable, high-performance web applications using React, Next.js, TypeScript, and micro frontend architecture. Proven expertise in frontend system design, performance optimization, API integration, and building enterprise-grade, accessible solutions that enhance user experience and drive measurable business impact.

Technical Skills

- **Languages/Frameworks:** React.js, Next.js, Remix, Vue.js, TypeScript, JavaScript, Node.js, HTML5, SCSS
- **State/Data Management:** Redux, Redux-Saga, Zustand, MobX, React Query
- **Testing:** Jest, Cypress, React Testing Library, Enzyme
- **Architecture:** Micro Frontends, REST API Design, Frontend-Backend API Contract Design, GraphQL, Performance Architecture
- **UI/Styling:** Tailwind CSS, Material UI, Chakra UI, Ant Design, Bootstrap
- **Performance:** Code Splitting, Lazy Loading, Memoization, Caching Strategies, Virtualization, Webpack, Turbopack
- **DevOps:** GitHub, GitHub Actions, npm, CI/CD
- **Methodologies:** Agile, TDD, Component-Driven Development, Clean Code Practices

Professional Experience

Cisco

Senior Software Engineer | September 2025 – Present

- Contributed to building AI-powered assistant interfaces generating contextual insights, dynamic widgets, and structured responses.
- Designed modular and reusable UI components for AI Canvas, enabling scalable widget rendering and real-time telemetry visualization.
- Improved AI response clarity by implementing structured layouts and contextual components, enhancing user experience and reducing cognitive load.
- Optimized frontend performance for large telemetry datasets using memoization and efficient rendering, improving dashboard responsiveness.
- Collaborated with AI/ML engineers, backend developers, and product managers to deliver secure, high-performance enterprise user interfaces.

Foundit (Monster India)

Senior Software Engineer | September 2023 – September 2025

- Led frontend development for a high-traffic job portal serving 20M+ monthly users using Next.js and TypeScript.
- Architected a micro frontend system that improved deployment independence and increased team productivity by 25%.
- Built reusable component libraries with Storybook, reducing UI inconsistencies and cutting development time by 30%.
- Implemented caching and optimized data fetching with TanStack Query, reducing API latency by 15%.
- Improved application load performance by 30% through code splitting, lazy loading, and bundle optimization.
- Maintained 90%+ test coverage, reducing post-release defects by 20%.

Omnie Solutions (I) Pvt Ltd

Senior Software Engineer | May 2022 – Sep 2023

- Developed scalable React and TypeScript modules for order tracking and medication systems, reducing load times by 15%.
- Implemented Redux and Redux-Saga for improved state flow and 20% better responsiveness.
- Integrated multiple external APIs using custom middleware, increasing system performance by 10%.
- Migrated core modules to a micro frontend architecture, reducing deployment time by 20%.
- Created reusable UI components in Storybook, decreasing development time by 15%.
- Ensured WCAG accessibility compliance with 95% accessibility score across applications.
- Maintained 90% test coverage with Jest and Enzyme, reducing production defects.
- Optimized data fetching with React Query, cutting API overhead by 10%.
- Improved responsive UI using Tailwind CSS for cross-device compatibility.
- Led micro frontend migration efforts, aligning multiple teams and improving workflows by 20%.

WorkOnGrid

Software Engineer | Jul 2019 – May 2022

- Built and optimized client dashboards using React and Redux, reducing support tickets by 25%.
- Developed reusable UI components using Material UI and modern JavaScript, improving development speed by 15%.
- Designed RESTful APIs to improve data exchange and reduce response time by 10%.
- Implemented responsive layouts using Flexbox and CSS Grid for seamless cross-device UX.
- Achieved 85% test coverage using React Testing Library and Jest, reducing production bugs by 20%.
- Integrated GraphQL endpoints to improve data retrieval performance by 12%.
- Used React Hooks to simplify component logic and improve maintainability.
- Partnered with product teams to deliver features ahead of schedule.
- Reduced bundle size using Webpack optimizations, improving initial load time by 10%.
- Created documentation and onboarded new developers, improving team efficiency.

Education

- **Master of Computer Applications (MCA)**
NIT Karnataka | 2019
- **Bachelor of Computer Applications (BCA)**
University of Allahabad | 2016