AKSHAYA R K

Senior Software Engineer

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PROFESSIONAL SUMMARY

Senior Software Engineer with 6+ years of experience designing, coding, testing, and deploying production-grade, customer-facing web and mobile applications for large enterprises. Strong across the React ecosystem (React.js, React Native, Next.js, Redux, Hooks, HOC, Memo), Node.js, and GraphQL, with working knowledge of Python, accessibility-compliant interfaces, automated testing (Jest, React Testing Library), and CI/CD pipelines. Proven record owning features end-to-end and contributing to AI-powered product experiences, while leading delivery for complex, regulated, customer-facing domains (credential management and insurance serving millions of users) across distributed teams.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, HTML5, CSS3, SQL

Frameworks & Libraries: React.js, React Native, Next.js, Node.js, Express.js, GraphQL, Redux, Zustand, Styled Components, Expo

UI Engineering: Functional Components, React Hooks, Higher-Order Components (HOC), Memoization, Responsive Design, Cross-Browser Compatibility, Web Accessibility (WCAG / ARIA / WAI), Storybook

AI Exposure: Working knowledge of AI-powered product features and GenAI application flow

Testing: Unit Testing, Jest, React Testing Library, Test-Driven Development (TDD), Component Testing

DevOps & Tooling: CI/CD, GitHub Actions, Git, NX, Yarn, Metro, Azure

Architecture & Practices: Object-Oriented Analysis & Design (OOAD), Design Patterns, Asynchronous Programming, REST API design, Microservices integration, Performance Tuning, Security Best Practices, Agile/Scrum

Domains: Digital Banking / FinTech, Insurance, E-Commerce, Enterprise Mobility, Large-Scale Customer-Facing Applications

PROFESSIONAL EXPERIENCE

Software Engineer Dec 2024 – Present
Best Buy India | Bengaluru, India

- Owned end-to-end design and delivery of an AI-powered post-purchase experience that lets customers self-schedule service appointments, shipping across web and mobile on schedule.
- Built customer-facing interfaces with React Native, Next.js, and GraphQL on Node.js services, with Swift for native iOS integration.
- Partnered with product, design, and backend teams to deliver a seamless, high-quality customer experience across platforms.

Senior Software Engineer May 2024 – Dec 2024
Mercedes-Benz R&D India (via Capgemini) | Bengaluru, India

- Delivered a multi-country ticketing portal for reporting automotive part issues, supporting localization across international markets.
- Architected reusable, component-based React UI and managed complex application state to improve maintainability for a global enterprise platform.

Senior Software Engineer Oct 2022 – Apr 2024
Accenture | Bengaluru, India

- Built a credential-management platform serving millions of customers, designing secure authentication and authorization flows with a focus on reliability and compliance.
- Engineered responsive React.js interfaces (HTML, CSS, JavaScript) optimized for low-power devices such as older phones and tablets.

- Implemented REST API integration and client-side routing; contributed to cross-platform mobile apps using React Native (CLI).
- Applied reusable component patterns and participated in code reviews to maintain quality and consistency across the application.

Software Engineer Dec 2020 – Oct 2022
Accenture | Bengaluru, India

- Led end-to-end migration of a legacy insurance portal to a modern React.js front end, rebuilt from scratch with a scalable architecture and improved maintainability.
- Automated generation of customer-specific PDF policy reports, delivering personalized insurance information to customers at scale.
- Built cross-platform mobile applications with React Native, expanding reach across iOS and Android.

Associate Software Engineer Nov 2019 – Dec 2020
Accenture | Bengaluru, India

- Delivered new features and resolved defects for a menu-planner dashboard built with React.js and TypeScript, improving stability and user experience.
- Integrated the front end with Microsoft Dynamics 365 via REST APIs and routing, enabling dynamic data-driven workflows.

EDUCATION

B.E., Electronics and Communications Engineering 2014 – 2018
KS Institute of Technology, Bengaluru, India

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals — Microsoft (2021)
- Frontend Expert — AlgoExpert.io (2023)
- React Native — Coursera (2023)
- The Complete Web Development Bootcamp — Udemy (2022)
- ES6 (es6.io, 2022) and Just JavaScript (2021)

SIDE PROJECTS

- Seasonal Fruit Mobile App (React Native): Native-quality mobile app educating users about fruit types, practical uses, and sourcing of fresh produce.
- E-Commerce App: Online shopping application enabling users to browse and purchase products.

LANGUAGES

English (Professional) | Kannada (Native) | Hindi (Advanced) | German (Intermediate, B1)