

SOWMYA K

React JS Developer | React.js · TypeScript · REST APIs · Agile

Chennai, India | nikijks8@gmail.com | +91-9943977446 | linkedin.com/in/sowmya-krishnan-bb005b212

PROFESSIONAL SUMMARY

React JS and Node JS Developer with 3+ years of experience developing responsive, user-friendly web applications using React.js and designing scalable server-side APIs and services using Node.js. Builds reusable components and maintains clean, efficient, well-documented code, integrating frontend applications with RESTful APIs and backend services. Collaborates closely with UI/UX designers to translate designs into high-quality code, optimizes applications for performance, scalability, and security, and troubleshoots and debugs existing applications. Conducts code reviews, follows best development practices, and participates in Agile ceremonies including sprint planning, stand-ups, and retrospectives, working closely with Product, QA, and DevOps teams.

TECHNICAL SKILLS

Programming: JavaScript (ES6+), TypeScript, HTML5, CSS3

Frontend: React.js, React Hooks, Context API, Redux, Redux Toolkit, Reusable Component Design

Backend: Node.js, NestJS, Java Spring Boot, Scalable Server-Side APIs & Services

Performance & Security: Application Performance Optimization, Scalability, Secure API Design

Databases: SQL, PostgreSQL, MongoDB (NoSQL)

APIs & Integration: RESTful Web Services, Axios, JSON, Backend Service Integration

Testing & Quality: Jest, React Testing Library, Cypress, Unit & Integration Testing, Code Review

Tools: Git, GitHub, Postman, Jira, Figma, CI/CD (Azure DevOps, GitHub Actions, GitLab)

Methodologies: Agile, Scrum, SDLC

PROFESSIONAL EXPERIENCE

Frontend Developer — Gj GlobalIT Ventures

Feb 2025 – Present

Healthcare Technology · ABHA Integration | React.js, Node.js, TypeScript, Material UI, REST APIs

- Architected the complete frontend for an ABHA (Ayushman Bharat Health Account) patient onboarding platform using React.js and TypeScript, implementing OTP-based multi-step authentication aligned with ABDM National Health Authority standards.
- Designed and built a reusable Material UI component library of 20+ components adopted across 4+ product modules, improving engineering velocity and reducing average feature development time by approximately 30%.
- Integrated 10+ RESTful APIs for healthcare profile management, document workflows, and patient data operations, ensuring reliable end-to-end functionality across clinical modules.
- Designed and developed scalable Node.js server-side APIs and services supporting healthcare data workflows, collaborating closely with backend engineers on API contract design and integration.
- Debugged and resolved 15+ critical production defects in API response handling and React state management; collaborated with backend engineers, clinical staff, and QA in Agile sprints, shipping features with zero post-deployment critical defects.

Frontend Developer — Cholanmandalam Finance

Nov 2023 – Feb 2025

NBFC · Fintech · Gold Loans · Brokerage Platforms | React.js, Redux Toolkit, REST APIs

- Owned end-to-end frontend engineering for a gold loan origination platform used by field agents across 100+ branches, including multi-step application forms, real-time EMI calculators, and repayment schedule workflows.
- Built CSEC brokerage dashboards with live transaction feeds and interactive charting components; architected a shared, reusable React component system across gold loan and brokerage applications using Redux Toolkit, reducing code duplication by approximately 40%.
- Collaborated closely with UI/UX designers to translate Figma designs into high-quality, production-ready code, and worked with PostgreSQL and SQL for loan and repayment reporting.
- Optimized frontend performance through lazy loading, Webpack bundle optimization, and Redux Toolkit state restructuring, improving load reliability and speed for tablet users in low-connectivity field environments.
- Implemented Formik and Yup validation across loan approval and payment tracking APIs, reducing form submission errors and improving data integrity; delivered 3 major feature releases across Agile sprints with zero critical post-deployment defects.
- Wrote unit and integration tests using Jest and React Testing Library; managed dependencies via npm/Yarn and collaborated on CI/CD pipeline builds (Azure DevOps, GitHub Actions).

Business & QA Intern — Cholanmandalam Finance

Jul 2023 – Oct 2023

- Conducted systematic QA testing across financial web applications, documenting and driving resolution of 30+ UI/UX defects prior to production release; contributed to process-gap analysis that led to a full-time Frontend Developer offer within 3 months.

KEY PROJECT

Personal Finance Dashboard — React.js, Redux, Node.js, Java Spring Boot, PostgreSQL, REST APIs, Docker, JWT

- Designed and built a full-stack personal finance tracker (React.js frontend, Java Spring Boot backend, PostgreSQL database) with secure JWT-based authentication and role-based access control; containerized the application with Docker for consistent, repeatable deployment.

EDUCATION

MBA – Banking & Finance, SRM University | 2021 – 2023

B.Sc – Computer Science, PSGR Krishnammal College | 2017 – 2020

CERTIFICATIONS

Meta Front-End Developer Professional Certificate — Meta/Coursera