

Sai Lakshmy

Senior Front-end Developer

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A highly accomplished professional leveraging deep expertise in **ReactJS**, **Next.js**, and **React Native** to architect high-performance, scalable web and mobile applications. Focused on driving innovation, enhancing user experiences, and delivering exceptional results within **Agile** teams. Committed to creating impactful solutions that drive performance and user satisfaction across industries, with a strong focus on technology and other high-impact sectors.

CORE COMPETENCIES

Frontend Development	ReactJS & Next.js
Responsive Web Development	Cross-Platform Mobile Development
Performance Optimization	State Management (Redux, Hooks)
Server-Side Rendering (SSR)	Agile Methodologies
UI/UX Design Implementation	Clean Code & Test-Driven Development (TDD)
GraphQL Integration	

TECHNICAL SKILLS

- Front-end Technologies:** JavaScript, TypeScript, ReactJS, React Native, Next.js, HTML, CSS, Tailwind CSS, Material UI, Bootstrap
- State Management:** Redux, Redux Toolkit, Redux Thunk, Redux Saga, React Hooks
- Backend & Tools:** GraphQL, Apollo Client, Firebase, Google Analytics
- Testing:** Jest, React Testing Library
- Version Control:** Git, GitHub, GitLab, npm, Yarn
- Agile Tools:** JIRA, Kanban

EDUCATION

- Bachelor of Engineering (B.E.)** in Electronics and Telecommunication:
Sathyabama University | Chennai, India | 2012 – 2016

PROFILE SUMMARY

- Expertise in Modern Frontend Technologies:** Extensive experience of **nearly 9 years** in developing scalable, high-performance web and mobile applications using **JavaScript**, **TypeScript**, **ReactJS**, **Next.js**, and **React Native**, with a focus on creating efficient, maintainable, and user-centric solutions.
- Advanced Web Architecture:** Proven track record in architecting and implementing **Next.js App Router**, **React Server Components**, and **server-side rendering (SSR)** to optimize performance, **SEO**, and scalability in large-scale web applications.
- Cross-Platform Mobile Development:** Contributed to the development of robust, cross-platform mobile applications using **React Native**, helping streamline workflows, optimize code reusability, and reduce time-to-market for multiple platforms.
- Performance Optimization:** Specialized in advanced performance tuning using **GraphQL**, and modern data-fetching techniques, delivering superior application speed, responsiveness, and load time reductions to ensure top-tier user experiences.
- Agile and Collaborative Leadership:** Successfully led cross-functional teams within **Agile** frameworks, driving high-quality product delivery while fostering collaboration, iteration, and continuous improvement to meet business objectives.
- Clean Code & Test-Driven Development:** Committed to writing **clean, maintainable code** with a focus on **Test-Driven Development (TDD)** and implementing **unit testing** using **Jest** and **React Testing Library** to ensure high-quality, reliable software.
- Scalable UI Component Design:** Expert in designing reusable, **scalable UI components** with **Tailwind CSS**, ensuring consistency, accessibility, and seamless user experience across platforms. Skilled in leveraging Tailwind's utility-first approach to build responsive, performant interfaces.
- Analytical Problem-Solving:** Strong capability to analyze complex technical challenges and implement innovative solutions, enhancing application performance, resolving critical issues, and aligning development efforts with business goals and user needs.

AWARDS & ACHIEVEMENTS

- Received the "Star" award at Synechron for outstanding contributions to project delivery and team collaboration.
- Honored with the "Spotlight" award at Verizon for pioneering efforts in quality and performance improvements.

WORK EXPERIENCE

Synechron | Dubai, UAE | September 2023 – Present Lead React Developer

Key Result Areas:

- Spearheading the use of Next.js App Router, Tailwind CSS, and TypeScript to develop responsive, high-performance web applications.
- Enhancing server-side rendering (SSR) techniques to improve search engine visibility and optimize data-fetching strategies.
- Designing and developing reusable web components, leveraging TypeScript for improved type safety and maintainability across platforms.
- Collaborating with cross-functional teams to transform UI/UX designs into functional, user-centric web components.
- Integrating GraphQL APIs to streamline data interactions, reducing load times and boosting application performance.
- Conducting unit testing with React Testing Library, Jest, and TypeScript to ensure code quality and reliability.
- Participating in code reviews to optimize code and enforce adherence to coding standards, including TypeScript best practices.

Highlights:

- Spearheaded the seamless integration of Google Analytics into the application, providing real-time insights into user behavior and enabling data-driven decisions to improve user experience and optimize app features.
- Successfully improved application performance metrics through the implementation of optimized data-fetching patterns and server-side rendering techniques.
- Recognized for leading a project that resulted in an increase in user engagement, showcasing the effectiveness of the newly developed web components.
- Mentored junior team members regularly, providing guidance and support to foster their growth and improve overall team performance.
- Adhered to a strict Test-Driven Development (TDD) approach, utilizing React Testing Library & Jest to ensure robust and reliable code.
- Integrated Redux Toolkit with ApolloClient and GraphQL into the Next.js application, streamlining state management and enhancing data fetching capabilities.
- Achieved increase in team productivity by fostering collaborative Agile environment & implementing best practices in project management.
- Successfully implemented advanced web technologies and performance monitoring tools, resulting in significant improvements in application speed and user engagement, while fostering a culture of collaboration and knowledge sharing within the team.
- Developed comprehensive documentation for reusable components and best practices, facilitating knowledge sharing and onboarding for new team members.

Saviynt | Bengaluru, India | September 2021 – September 2023

Software Engineer 3

Key Result Areas:

- Developed and enhanced **full-stack features** utilizing **Groovy, Grails, and React**, increasing the responsiveness of enterprise-level applications by 20%.
- Implemented **advanced state management** strategies with **Redux and React Hooks**, resulting in improved modularity and application performance.
- Led comprehensive testing initiatives, achieving **98% code coverage** through unit, integration, and end-to-end testing with **Jest**.
- Designed and optimized **user interfaces** with **Material UI and Bootstrap**, ensuring responsiveness and accessibility across multiple devices.
- Fostered a collaborative Agile environment, contributing to improved project delivery timelines and team cohesion.

GlobalLogic | Bengaluru, India | November 2020 – September 2021

Senior Software Engineer

Key Result Areas:

- Led development efforts with **TypeScript and Redux Thunk**, resulting in a **15% reduction in runtime errors** and creating a more reliable codebase.
- Championing **Test-Driven Development (TDD)** practices to streamline debugging and maintenance, enhancing overall development efficiency.
- Collaborated on front-end architecture decisions, improving both the performance and scalability of key applications.

PREVIOUS EXPERIENCE

Infosys | Chennai, India

Software Engineer | December 2018 – June 2019

Technology Analyst | July 2019 – November 2020

Key Result Areas:

- Overhauled **user interfaces** based on customer feedback, achieving a **25% reduction in page load times** and improving usability.
- Utilized **SQL Developer** for effective **database management**, integrating back-end features to ensure the delivery of high-performance web applications.
- Managed project lifecycles using **Agile methodologies**, ensuring timely and consistent delivery of features.
- Developed new features leveraging **advanced JavaScript (ES6+)**, contributing to a **10% performance improvement** in the application.
- Worked closely with business stakeholders to align technical solutions with business needs, resulting in improved project outcomes.

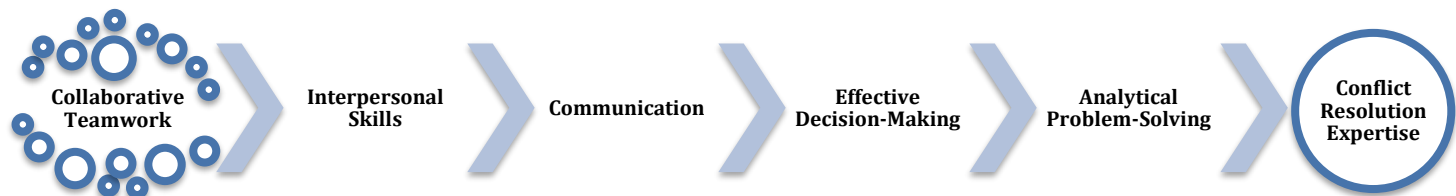
Verizon | Chennai, India | July 2016 – December 2018

Software Engineer

Key Result Areas:

- Led **performance optimization** initiatives using **Dynatrace and jConsole logs**, reducing application response times by **15%**.
- Worked collaboratively with cross-functional teams to enforce coding standards and best practices using **Git and Tortoise SVN** for version control.

SOFT SKILLS



PERSONAL DETAILS

Date of Birth: 1st September 1994 Address: Dubai, UAE Languages: English, Hindi, Tamil, Telugu & Malayalam