

Sri Harsha Nistala

Redmond, Washington, United States

sriharsha.nistala@outlook.com

+1 2062500897

[linkedin.com/in/sriharsha-nistala](https://www.linkedin.com/in/sriharsha-nistala)

<https://sriharsha-portfolio.vercel.app/>

Summary

- Results-oriented developer with over 8 years of experience in the app industry.
- Skilled frontend developer specializing in React, React Native, JavaScript, HTML5, and CSS3.
- Successfully enhanced build performance by implementing optimizations that reduced load time by over 50%, by using **lazy loading and code splitting** techniques.
- Developed a highly successful hybrid application resulting in a remarkable 30% increase in market share.
- Demonstrated expertise in designing and delivering web, web responsive, and mobile applications.
- Committed to delivering high-quality code and providing effective leadership to development teams.

Experience



Lead Developer

Pi Square

Feb 2024 - Present (5 months)

- Designed and implemented a **Micro frontend architecture** using React, TypeScript, and Chakra UI, leveraging **Module Federation** for efficient code sharing and lazy loading of micro frontends.
- Utilized Module Federation for dynamic loading and communication between independent micro frontends built with React.
- Developed reusable and maintainable micro frontends using React and **Chakra UI** for a consistent and accessible user interface.
- Leveraged Chakra UI components and styling for efficient UI development across micro frontends.
- Demonstrated proficiency in component-based architecture and state management in React applications.
- Employed code-splitting and lazy loading techniques to optimize the loading time of micro frontends, resulting in improved user experience.



Module Lead

PurpleTalk

May 2022 – Jan 2024 (1 year 10 months)

- **Led a team of 8 developers** in the design, development, and implementation of complex or critical software modules, ensuring adherence to quality and project timelines, resulting in increase of 10% productivity.
- Pioneered innovative initiatives to streamline crash log acquisition, resulting in a notable 20% increase in bug resolution efficiency and ensuring error-free operation through the implementation of **Sentry**.
- Possess proven expertise in **Internationalization (i18n)** and Localization (l10n) for React applications. Successfully implemented solutions to support multiple languages and regions, ensuring a culturally appropriate and user-friendly experience for a global audience.
- Implemented robust client-side form validation and error handling using **Formik** for React applications.

- Collaborated with stakeholders to gather requirements, define project scope, and prioritize tasks, resulting in improved project planning and execution
- Provided robust support for Continuous Integration/Continuous Deployment (CI/CD) pipelines, facilitating seamless integration and deployment processes for enhanced software delivery efficiency and reliability.
- Conducted code reviews, provided technical guidance, and resolved complex technical issues, fostering a culture of continuous improvement and knowledge sharing among team members.
- Acted as a liaison between the development team and stakeholders, effectively communicating project status, risks, and mitigations, resulting in improved client satisfaction and retention



Software Analyst

PurpleTalk

Nov 2018 - Apr 2022 (3 years 6 months)

- Crafted responsive and dynamic user interfaces leveraging **React and React Native**, ensuring optimal user experiences across platforms.
- Collaborated closely with design teams, translating intricate mockups into functional components with precision and fidelity.
- Implemented robust data management and state handling utilizing **Redux** for seamless application flow and scalability.
- Integrated diverse third-party APIs and libraries, enriching application functionality and enhancing user engagement.
- Conducted rigorous performance optimization and meticulous debugging, guaranteeing smooth and efficient application operation under diverse conditions.
- Partnered with QA teams to identify and rectify software defects, elevating overall product quality and user satisfaction.
- Engaged actively in agile development methodologies, contributing to daily stand-ups, sprint planning, and retrospectives for iterative project enhancement using tools like JIRA.
- Remained at the forefront of technological advancements, proactively researching and adopting emerging tools and techniques to align with industry trends and encompassing ES6+ syntax and concepts, to ensure robust development across projects.
- Collaborated with stakeholders to gather requirements, delineate project scope, and provide accurate estimations, ensuring project alignment with business objectives.
- Enforced responsive design principles to deliver consistent and optimized user experiences across an array of devices and screen sizes.
- Optimized application performance and accelerated loading times through strategic code refactoring and meticulous performance tuning initiatives by using lazy load, code splitting.



Associate Software Engineer

TECHSOPHY

Nov 2016 - Nov 2018 (2 years 1 month)

- Developed interactive and dynamic mobile applications using **React Native**.
- Implemented RESTful APIs to integrate with backend services and databases.
- Collaborated with UI/UX designers to ensure seamless integration of designs into functional user interfaces.
- Conducted thorough testing and debugging to identify and fix software defects.
- Maintained code documentation and version control using Git.

- Built 5 mobile apps during the span of 2 years when React native is relatively new in the market.
- Key Features involve Push Notifications, Translations, Web View, Video Playing, Razor Pay, ImageCrop picker, Back handling, Charts, DRM in android, Chat integration, Pdf picker, Social Sign in like LinkedIn, Facebook, Google etc.

Education



Birla Institute of Technology and Science, Pilani

M.Sc, Mathematics

2011 - 2016



Birla Institute of Technology and Science, Pilani

B.E, Mechanical Engineering

2011 - 2016

Licenses & Certifications



React Basics - Meta

9CAXQWSK3SNW



Programming with JavaScript - Meta

HCTWTACF79BU



Introduction to Front-End Development - Meta

QLKYFRM49FCW

Skills

React.js • React Native • Redux.js • Front-End Development • JavaScript • HTML5 • Cascading Style Sheets (CSS) • Next.js • Problem Solving • Git

Honors & Awards



Spark - PurpleTalk

Mar 2019