Naga Sai Charan

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SUMMARY:

- Roughly **4.5 years** of IT experience which includes around **4 years of Extensive expertise as a React Native Developer..**
- Extensive experience creating mobile applications using **JavaScript, TypeScript, Redux, Redux Thunk, Redux Saga, ES6, REST,** and **GraphQL**.
- Working understanding of Web standards and protocols (**HTTP HTML5/XHTML/XHTML-MP, CSS3, Web Forms, XML, and XML parsers)**.
- Worked with the most recent versions of **React Native,** implementing new ideas such as leveraging the Hermes engine and Hooks on both **Android and iOS.**
- Expertise in constructing **UI Architecture** to support design systems offered by **UI/UX** from various tools such as **Adobe XD, Figma, and InVision.**
- Expertise in React JS components, **React Native Components, Forms, Events, Keys, Router**, as well as **Redux, Animations**, and **Flux** concept.
- **React Native Expertise** for **Developing Interactive UIs** Using **One-Way Data Flow, JSX, and React Native Concepts.**
- Expertise in embedding video and audio in **React Native applications.**
- Expertise in developing user interfaces and single-page applications with **ReactJS and React-router.**
- Design, design, and test websites using **HTML5, CSS3, Bootstrap, JavaScript, jQuery, and ReactJS** that adheres to accessibility and web browser standards.
- Create CI/CD pipelines in many tools, including **Github Actions, Bitbucket Pipelines, and Code Magic.**
- Integration of **Over-the-Air** Updates utilizing the **CodePush tool.**
- Construct a Custom Error Reporting tool to submit errors to the backend via the **Network layer and Error Boundary.**
- Utilizing **React Native**, implemented a **Rich Graph Related Dashboard** for statics in many domains.
- Utilized **React Native** in the creation of mobile apps to bind the **data/model** retrieved from a database by a controller's services to the view utilizing scope.
- Created forms in **formik** and **JavaScript** to gather and validate user data.
- Constructed **Custom Network Layer**s utilizing **Axios** and Facade Design Pattern for the **REST-based products.**
- Created **Custom Hooks** utilizing the Hooks idea in **ReactJS** and **React Native.**
- **Custom Middlewares** were used in conjunction with **Redux** to mark events for different analytics tools such as **Google Analytics, SnowFlake, CleverTap, Branch IO,** etc.
- Using **React Native and Redux,** the data and display layers were separated. Redux stores were used to manage the states and refresh the user interface.
- Conducted Unit testing on **React Native apps** using **Jest** and **other** tools.
- Performed **End-to-End Testing** using **Detox and Mocha** on the **React Native application**.
- Expertise in constructing **E-Commerce, Edu-Tech, Financial, and Banking Applications**.

- Experience with **Agile/Scrum, Test-driven development, and Waterfall approaches** in a fast-paced workplace.
- Experience in **System Administration, Configuration, updating, Patches,** Troubleshooting, Security, Backup, Disaster Recovery, Performance Monitoring and Fine-tuning on Unix & Linux Systems.
- Outstanding i**nterpersonal skills, communication ability, time management**, and **teamwork abilities.**

Certifications:
MTA Database Fundamentals by Microsoft   **SEP-   2018**
Link: https://goo.gl/grGfGg

TECHNICAL SKILLS:

Operating System	Windows 7/XP/Vista/2000, Mac, Linux, UNIX.
SDLC methodologies	Agile/Scrum, Agile Safe.
Mobile Development Technologies	JSON, JavaScript, TypeScript, Redux, Redux-thunk, Redux Saga, Axios.
Web Development Technologies	HTML/HTML5,CSS3/CSS4, JSON, JavaScript.
UI Frameworks	React.js, Redux, Mobx, Node.js, Responsive Web Design (RWD),, Npm, Web pack, Typescript, React Native.
Web Services	Soap, Rest/Restful.
IDE/HTML Editors	Sublime Text, Notepad++, Atom, Visual Studio Code, Eclipse, Net Beans.
Designing and Animation Tools	Adobe Photoshop, Illustrator, Adobe Flash, Adobe After Effects
Testing/Debugging/Bug Tracking Tools	Crashlytics, Instabug, Roll bar, React Native Debugger, BugSnag Firebug, Google Chrome Web Debugger, IE developer Tools, JIRA, Detox, Jest, Mocha.

Version Controls & Other tools	SVN, Git, GitHub, Version one, bitbucket, CircleCI, Detox, Jenkins, TFVS.

PROFESSIONAL   EXPERIENCE:

Walmart - Sams Club, Dallas, Texas.   **Dec 2022 – Current**
Role: **Senior   React   Native   Developer**

Responsibilities   for   developing   Mobile   applications   using   react   native..

Responsibilities:

- Developing and implementing custom framework for composite app and mini apps using React Native Navigation to ensure seamless and efficient navigation patterns.
- Collaborating with cross-functional teams including designers, product managers, and other developers to ensure alignment with business requirements and user needs.
- Identifying and resolving performance-related issues, including memory leaks, slow rendering, and excessive CPU usage, across the application.
- Conducting code reviews and ensuring adherence to coding standards, including writing clean, maintainable, and testable code.
- Designing and implementing reusable and scalable components, leveraging state management libraries such as Redux..
- Participating in architecture discussions and providing input to improve the overall software design and development process.
- Mentoring and guiding other developers on the team to improve their technical skills and ensure high-quality code delivery.
- Keeping up-to-date with the latest React Native and mobile development trends, tools, and technologies, and proactively bringing innovative ideas to the team.
- Collaborating with QA and testing teams to ensure that the developed software meets quality standards.
- Communicating effectively with stakeholders, including providing regular status updates on development progress and identifying risks and opportunities.

Environment: **JavaScript, TypeScript, React Native, Git , Visual Studio Code, Visual Studio, Jira, Yarn.**

HP Inc., Houston, Texas,   **Aug 2022 – Dec 2022**
Role: **Senior   React   Native   Developer**

Responsibilities for developing Windows application using react native for windows, Test and launch in different windows platforms.

Responsibilities:

- Design, create, and test Windows applications utilizing React Native, TypeScript, JSX, and REST.
- Responsible for designing the front-end user interface with JSX, React Native components, ES6 Javascript, and Typescript.
- Designed Flex-based custom components to accommodate several screen sizes
- Leverage Huge framework for building module in the platform
- Used Middleware, Redux saga to communicate with hardware e
- Promise resolving using the redux saga from the calls made from hardware to implement functionality of the different hardware
- Maintain C# code to maintain and handle responses from hardware.
- Extensively used Git for version control and communicated often with GitHub's core repository.
- Communicated with the Testing Team, Scrum Masters, and Business Analysts on requirements and problem resolution.

Environment: **JavaScript, TypeScript, React Native, Git , Visual Studio Code, Visual Studio, Jira, Yarn.**

Freelance   React   Native   Developer

Indigo learn Private limited   Apr 2020 – Aug 2021

Role: Senior   React   Native   Developer

Responsibilities for developing 1Fin, monitoring crashes, and integrating new features, including third-party software, for 1Fin. high-quality, encrypted video that plays like vdocipher. Codepush integration for OTA updates. Upgrade packages and native reactions to the current versions.

Responsibilities:

- Design, create, and test Mobile applications that support both Android and iOS utilizing React Native, TypeScript, JSX, and REST.
- Responsible for designing the front-end user interface with JSX, React Native components, ES6 Javascript, and Typescript.
- Designed Flex-based custom components to accommodate several screen sizes on both Android and iOS.
- Utilized NPM commands and package.json to manage React Native application dependencies and development requirements.

- Upgrade React Native to version 0.65 and manage dependent packages to support the most recent version of React Native.
- Used Middleware, Revisited
- -Promise in application to obtain data from the Back-End and also to execute RESTFUL services.
- Restful web services require the POST, PUT, DELETE, and GET methods.
- Employed Object-Oriented Programming principles to create UI components that could be reused across the Mobile Application.
- Extensively used Git for version control and communicated often with GitHub's core repository.
- Communicated with the Testing Team, Scrum Masters, and Business Analysts on requirements and problem resolution.

Environment: **JavaScript, TypeScript, React Native, Bugsnag, Instabug, Redux, Node JS, JSON, GitHub, Restful** **API.**

Balance Pvt limited (Dubai) **Apr 2020 – Aug 2021**
Role: **Senior** **React** **Native** **Developer** **(Team** **Lead)**

Balance is the MENA (Middle East and North Africa) money app of choice. My duty to initiate a project from scratch. Establish design system and provide effective answers to engineering difficulties as a leader. Defining mistake Limits and the incorporation of error monitoring techniques such as roll bar.

- Utilize memory strategies in React Native to reduce rendering times.
- Enabling Hermes engines on both Android and iOS to decrease the user's TTI (Time to Interact).
- Implemented and worked on React Navigation and react-native navigation, two significant navigation architectural packages.
- Worked on React Native components, Forms, Events, Keys, the Router, Animations, and the Flux idea.
- Third-party Crash monitoring solutions such as Rollbar and BugSnag are included.
- Redux was used to maintain state in stores and dispatch actions.
- Construct Custom Forms to Render JSON Objects.
- Collaborated with the Back-End team to show data with Custom Components, library Components, and Redux.
- Utilized Node.js to configure authentication and authorisation security utilizing Passport and JSON web tokens.

Environment: **JavaScript, TypeScript, React Native, Bugsnag, Instabug, Redux, Node JS, JSON, GitHub, Restful API.**

Mc Master of Ceremony (New york) **Aug 2020 –Nov 2020**

Role: **Senior** **React** **Native** **Developer** **(Team** **lead)**

Mc Master of Ceremony is a digital streaming platform for music industry competitions. Application include multiple UI/UX and features such as a live streaming module are industry-refreshing.

Responsibilities:

- Responsible for designing and creating rich user interface (UI) mobile applications utilizing React Native, ES6 Javascript, and Typescript.
- React Native Svg Charts was used to render the charts according to the designs.
- Components developed utilizing React Native and all advanced techniques Contributes to development
- Create custom theming to accommodate many modes, such as dark mode and bright mode, with the React Context API.
- Developed many front-end screens using React Native JSX and numerous preset components from NPM (Node Package Manager) and the Redux framework.
- React JS enabled us to render pages on the client and server using the same codebase.
- Utilized JIRA for tracking reported bugs by the testing team.

Environment: JavaScript, TypeScript, JSON, React.js, Crashlytics, React-Redux, React, React hooks, JIRA, Bit bucket, Visual Studio Code, GIT.

GSK, North Carolina   **Jun 2020 –Aug 2020**
Role: Sr. UI Developer
Responsibilities:

- Transformed requirements including wireframes, prototypes, and interactive user interfaces into fully functioning and high-performing online and mobile components.
- Created UI framework with components reference prototypes for reusability.
- React JS was utilized to construct a desktop application, while the react native framework was used for mobile development.
- Utilized React redux for Global State administration.

Environment: React JS, JavaScript, JIRA, Bit bucket, Visual Studio Code, React Native.

Rockwell Automation   **Apr 2020 – Jun 2020**
Role: Sr. UI Developer
Responsibilities:

- Participated in Requirements gathering and Analysis, understanding the client's needs and the program's flow, including the MVC application framework.
- Responsible for building the web pages' Responsive Web Design utilizing HTML5, CSS3, JavaScript, and the ReactJS framework.

- Conceived and developed the fundamental framework of a single-page React application.

Environment: React JS, JavaScript, HTML5, CSS3, Bootstrap, JSON, and Responsive design, Node JS, Express JS, Web pack, GitHub, Visual Code, Eclipse, MVC, POSTMAN, Accessibility.

Full   time   Experience

Simplifi Commerce, Bangalore   **May-2019 – Apr 2020**
Role: **React   Native   Developer**

Accountability for the development of VendSmart, a smartphone app that allows users to vend things from Vending machines. machice utilizing payment processor Utilize Detox for End to End testing. Responsibilities for creating a CRM gateway with rich dashboards with reactjs

Responsibilities:
- Participated in Requirements gathering and Analysis, understanding the client's needs and the program's flow, including the MVC application framework.
- Responsible for building the web pages' Responsive Web Design utilizing HTML5, CSS3, JavaScript, and the ReactJS framework.
- Conceived and developed the fundamental framework of a single-page React application.

Environment: React JS, JavaScript, HTML5, CSS3, Bootstrap, JSON, and Responsive design, Node JS, Express JS, Web pack, GitHub, Visual Code, Eclipse, MVC, POSTMAN, Accessibility.

Simply Grow Technologies Pvt Ltd, Hyderabad   **Apr 2018- Apr 2019**
Role: IOS App Developer Using React-native
Responsibilities:

- Added a client-side interface for JavaScript templating and function binding using React NativeJSX.
- JEST was used for Unit testing.
- An E2E Test suite was created using Detox and Mocha.
- Employed the most recent React hooks ideas to create custom hooks.
- Composed and revised the technical documentation.
- Redux-Saga was once used to make application side effects simpler to manage, more efficient to perform, easier to test, and more resilient to errors.
- Followed **SCRUM** methodology.
- Participate in the team on agile development cycle.

Environment: React JS, JavaScript,React Native, JSON, Responsive design, NPM and Web Services.

Education:

Masters in Applied Computer Science   **Aug 2021 - Dec 2022**
SouthEast   Missouri   State   University

Bachelors in Computer Science   **Aug 2015 - Apr 2019**
JNTU   Hyderabad