Dilip Kumar Reddy Bireddy

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SUMMARY

- Highly skilled **React Native developer** with over **6 years** of experience in building performant and native-looking mobile applications.
- Strong expertise in integrating native device functionalities, **writing clean** and **maintainable code**, and implementing robust testing strategies.
- Expertise in **architecting** and **implementing highly scalable** and performant **front-end applications**, resulting in improved user experiences and increased user engagement.
- Proven ability to collaborate with **cross-functional teams** to deliver **seamless user experiences** across platforms.
- Adept at utilizing modern **development tools** and **methodologies**, including **Agile** and **CI/CD pipelines**.
- Collaborated with **marketing, design, and back-end teams** to deliver a seamless user experience.
- Strong **debugging** and **problem-solving skills**, enabling rapid identification and resolution of **complex technical issues** and **optimization** of **application performance**.
- Adept at incorporating **responsive design principles** and best practices, resulting in user-friendly and accessible interfaces across **various devices** and **screen sizes**.
- Skilled in integrating **RESTful APIs**, third-party services, and data visualization tools to expand application functionality and enhance user experiences.
- Extensive experience in **unit** and **integration testing** with tools like **Jest** and **Enzyme** to ensure code quality, maintainability, and robustness.
- Proficient in **version control** using **Git** and using modern build tools like **Webpack** and **Babel** to streamline development processes.
- Effective in **Agile** and **Scrum** methodologies, participating in **daily stand-up** meetings and delivering projects on schedule and within scope.
- Excellent **problem-solving abilities** and a **keen eye for detail**, ensuring the delivery of high-quality, **user-centric applications**.
- Excellent **verbal** and **written communication skills**, enabling productive collaboration with cross-functional teams and clear documentation of project details.
- Passionate about **staying updated** with the latest **industry trends** and continuously improving technical skills.

TECHNICAL SKILLS

- **Front-End Development**: React.js, Redux, React Native, JavaScript, TypeScript, HTML5, CSS3, Responsive Web Design, CSS Preprocessors, Swift, Kotlin
- **State Management**: Redux Toolkit, Mobx, Context API
- **Version Control**: Git, GitHub/GitLab
- **Build Tools and Bundlers**: Webpack, Babel
- **Testing and Debugging**: Jest, Enzyme, Debugging Tools (e.g., React DevTools)
- **Optimization and Performance**: Code Splitting, Lazy Loading, Web Performance Best Practices, Browser Developer Tools
- **UI/UX Design**: UI/UX Principles, Design Collaboration, Prototyping Tools (e.g., Figma, Sketch)
- **Responsive Design**: Media Queries, CSS Grid, Flexbox

- ➢ **Third-Party Library and API Integration**: Charting Libraries (e.g., D3.js, Chart.js), Social Media Integration, Payment Gateway Integration, Maps and Location Services
- ➢ **Front-End Testing**: Unit Testing, Integration Testing, Snapshot Testing
- ➢ **Agile and Collaboration Tools**: Jira, Confluence, Trello
- ➢ **Responsive Frameworks**: Bootstrap, Foundation
- ➢ **Content Management Systems (CMS)**: WordPress
- ➢ **Technical Documentation**: Markdown, Swagger

EDUCATION

Master of Science in Information Technology, Valparaiso University, Valparaiso, IN

Bachelor of Technology in Electronics & Communications Engineering, Jawaharlal Nehru Technological University, Hyderabad, India

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PROFESSIONAL EXPERIENCE

React Native Developer   **Feb 2020 – Apr 2024**
Sierra Consulting Inc., India

- ➢ **Led and managed** the **front-end development** of Mobile applications using **React Native**, overseeing project architecture, codebase, and team collaboration.
- ➢ **Architected and developed** scalable, high-performance mobile applications for both **iOS** and **Android** using **React Native**.
- ➢ **Integrated** advanced features such as real-time chat, push notifications, and media streaming using **third-party libraries** and **APIs**.
- ➢ **Optimized application performance** by implementing efficient state management with Redux and performing thorough profiling and debugging.
- ➢ **Developed custom native modules** in Swift and Kotlin to enhance app functionality and provide a seamless user experience.
- ➢ Implemented **CI/CD pipelines** using **Jenkins** and Fastlane to automate build, testing, and deployment processes, reducing release times by 30%.
- ➢ **Integrated native device functionalities** such as GPS, and biometric authentication, enhancing app capabilities.
- ➢ Conducted regular **code reviews** and provided mentorship to junior developers, fostering a culture of continuous improvement and learning.
- ➢ **Collaborated with UX/UI designers** to create visually appealing and intuitive user interfaces, ensuring consistency across platforms.
- ➢ Stayed current with **industry trends** and advancements in **React Native**, continuously integrating best practices into the **development process**.
- ➢ **Collaborated** closely with **backend developers** to design and integrate **RESTful APIs**, providing seamless data synchronization**.**
- ➢ Implemented **unit** and **end-to-end testing** using **Jest** and **Detox**, ensuring high code quality and reliability.
- ➢ Worked on **feature enhancements** and **bug fixes** based on user feedback, resulting in improved user satisfaction and app ratings.
- ➢ Participated in **Agile development cycles**, contributing to **sprint planning**, daily stand-ups, and retrospectives to ensure timely delivery.

➢ **Performed code refactoring** and optimization, reducing technical debt and improving app maintainability.

Front-End Developer   **Oct 2017 – Nov 2019**
Sierra Consulting Inc., Itasca, IL

➢ **Contributed to** the **front-end development** of web applications using **React.js**, collaborating on project architecture and codebase.
➢ **Assisted in designing and developing** user interfaces that adhered to **responsive web design** principles while meeting business requirements.
➢ **Participated in the implementation** of state management techniques, helping to manage application data flow and improve efficiency.
➢ **Worked on features** and interactive components, supporting real-time updates, and assisting in **third-party API integration**.
➢ **Participated in optimizing application performance**, implementing code splitting, lazy loading, and **Web Performance Best Practices** to improve load times.
➢ **Conducted unit and integration testing** using tools like **Jest** and **Enzyme**, helping to identify and resolve bugs and maintain code quality.
➢ **Collaborated with the UI/UX design team**, aiding in translating design concepts into interactive and engaging interfaces that met usability and accessibility standards.
➢ **Contributed to version control and collaborative development** using **Git**, participating in code reviews, and following coding standards.
➢ **Assisted in cross-browser compatibility testing**, addressing **CSS discrepancies,** and ensuring a consistent experience across different browsers and devices.
➢ Assisted with following **secure coding practices**, addressing, and helping to prevent security vulnerabilities such as **Cross-Site Scripting (XSS)** through **Content Security Policy (CSP)**.
➢ **Stayed updated on** the latest industry trends and technologies, contributing to the improvement of web development practices.
➢ **Participated in Agile development** methodologies, including daily stand-up meetings and sprint planning, contributing to timely project delivery.