Prakash Subedi

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REACT NATIVE DEVELOPER

Experienced full-stack mobile application developer with over 4 years of React Native experience and 2 years of backend development experience, specializing in Agricultural, HR, and Legal Management Software solutions. Developed Payment, Claims, Employment Calendar Management, Legal Case Management, Farmer-Merchant platform, and a social networking application for pet owners applying Agile methodologies, especially Scrum, for effective project management showcasing adaptability and innovation in dynamic settings. Experienced in Java, Node.js, React.js, React Native, MongoDB, and MySQL.

Object Oriented Programming • Web Services • UI/UX • Web/Mobile Applications • Functional Programming • Data Structures • Cross Platform • Database Development • MERN

Languages: Java, JavaScript, TypeScript
Web: HTML5, CSS3, jQuery, Ajax, Fetch, Axios, Bootstrap, XML, JSX
Web Services: RESTful API, JSON, Socket.io, SOAP
Web/App Servers: Nginx, Apache Tomcat
Frameworks: React Native, Expo, Express.js, Prisma, Sequelize, Mongoose, Spring Boot, Hibernate
Databases: MySQL, MongoDB, PostgreSQL, Redis
Design Patterns: High Order Component (HOC), Provider, Container and Presentational Components, Hooks, Render Prop, Compound Components
SDLC: Agile, Scrum, Waterfall
Tools: Git, Npm, Npx, React Native CLI, Expo CLI, Gradle, Maven, Expo, Postman, MySQL Workbench, Studio 3t, Android Studio, Xcode, Visual Studio Code, IntelliJ, Eclipse
Platforms: MacOS, Android, IOS, Linux, Windows

PROFESSIONAL EXPERIENCE

*CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).*

PAYBOY, Singapore • 08/2022 – 04/2023
React Native Developer
- Implemented the complete color revamp to the Payboy mobile app using the latest version of the Native Base UI library, resulting in a clear and appealing UI/UX, and achieved a remarkable 4.4/5 rating on app stores.
- Led the transition from legacy class-based components to functional ones of the Payboy mobile app, utilizing custom React hooks to enhance the testability and maintainability of the code.
- Contributed clock-in and clock-out features to the Dploy application using react-native-ble-plx library and a custom native module, resulting in improved user experience, and reliability, and enabling users to manage their shifts efficiently.
- Performed unit, integration, and component testing for the Gutsy mobile app using Jest and the React Native Testing Library, ensuring robust and reliable functionality across various application parts.

Technologies Used: *React Native, Expo, Redux Toolkit, React Query, Native Base, Glue Stack UI, Jest, React Native Testing Library, Sentry, Postman, Figma, GitScrum*

LVM TECH, Singapore • 08/2020 – 07/2022
Full Stack Developer
- Used React.js along with Material UI to create an engaging and user-friendly UI/UX, leading to high client satisfaction, increased user interactions, and a 20% improvement in overall user retention.

- Developed a high-performance RESTful API using Spring Boot and a MySQL database, ensuring efficient data handling and retrieval.
- Integrated Rocket Chat, an open-source chat application, into the application, providing lawyers with a secure platform for discussing case-related matters and enhancing communication and collaboration.
- Conducted unit tests with JUnit and mock testing with Mockito to ensure the application's robustness and reliability, leading to a noticeable decrease in reported bugs.
- Built and deployed the application on Oracle Cloud Infrastructure (OCI) to ensure peak performance and scalability, resulting in reduced latency and improved reliability.

Technologies Used: *Spring Boot, Express.js, React, Material UI, Redux Toolkit, Redis, MySQL, Hibernate, JUnit, Mockito, Rocket Chat, Oracle Cloud Infrastructure (OCI), Jira*

MARTER SOLUTIONS, Mandalay, Myanmar ● 10/2016 – 08/2019
Software Developer ● 09/2018 – 08/2019
- Implemented Awlam, a functional and user-friendly social media mobile application for the Mandalay government using React Native and Node.js, enabling enhanced community engagement and communication.
- Contributed to developing an admin dashboard page using React.js and Google Maps for the Solar Porian client, providing analytics and insights into energy usage patterns, and helping the client make informed decisions about energy management and optimization.

Junior Developer (Part-time) ● 10/2016 – 09/2018
- Contributed to building the PetNetwork mobile application using React Native and Node.js, ensuring pet owners enjoy seamless interactions, including real-time chat and convenient vet appointment scheduling.
- Developed a mobile app called iRoute using React Native for the Mandalay Fire Department, enabling real-time access to fire outbreak information for the benefit of Mandalay's residents.

Technologies Used: *React, Bootstrap, React Native, Redux, Express.js, Socket.io, MySQL, MongoDB*

FREELANCE EXPERIENCE

DIGISOFT (MYANMAR), Mandalay, Myanmar ● 07/2019 – 04/2020
React Native Developer
- Developed Agrimatch, a mobile app for farmers and merchants to enable agricultural product exchange between them.
- Built the proximity-based searching functionality using the Google Map API for nearby farmers and merchants enhancing the app's overall functionality and user experience.
- Introduced the chat functionality using the react-native-gifted-chat library to streamline communication for trade-related discussions within the platform.
- Implemented the interactive rating feature, empowering users to assess and share feedback on their interactions effectively.

Technologies Used: *Express.js, Socket.io, Mongoose ODM, MongoDB, React Native, Redux, Expo, Figma*

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion 12/2025)
Maharishi International University, Fairfield, Iowa

Key Courses: Web Application Programming, Web Application Development 1, Mobile Application Development, Algorithms

Bachelor of Computer Science (B.C.Sc.) in Computer Science
University of Computer Studies (Mandalay), Mandalay, Myanmar (2018)