BHAVANI SANKAR NAVEEN DWARAPUDI

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Professional Summary

- Around **3 years of experience in IT**, focusing on mobile and web application development.
- Proficient in **React Native** and **React.js**, with strong expertise in building **responsive, performant, and user-friendly interfaces**.
- Skilled in developing **cross-platform mobile applications** and **web platforms** using **React Native**, **React with Material-UI**, **Redux Toolkit**, and **Context API**.
- Adept in **agile development**, **code quality assurance**, and **state management**.
- A fast learner and effective communicator who thrives in collaborative team environments.

Technical Skills

- **Primary Skills**: React Native, React.js with Material-UI, JavaScript (ES6+), TypeScript, JSX, Redux Toolkit, Context API
- **Web Technologies**: HTML5, CSS3, Bootstrap, Material-UI
- **Languages**: JavaScript, TypeScript, Python (Basics)
- **Development Tools**: Visual Studio Code, Android Studio, Xcode
- **Version Control & DevOps**: Git, GitHub, Bitbucket, Azure DevOps
- **Project Management**: JIRA (Agile Board), Azure DevOps Board
- **Databases**: MongoDB, SQLite (Basic)
- **Others**: Firebase, Node.js, Express.js

Professional Experience

Company: MSys Technologies Pvt. Ltd, Chennai
Duration: June 2022 – Present

Mobile Projects:

Project 1: Emami Frankross Health

Description: A healthcare e-commerce mobile application built with React Native, focused on seamless access to healthcare products and services.
Environment: React Native, Firebase, Redux, Ruby on Rails

Responsibilities:

- Developed a highly responsive mobile UI for iOS and Android platforms.
- Integrated RESTful APIs for product and user data.
- Used Redux for application state management.
- Collaborated with QA teams to fix issues and improve UX.
- Performed code reviews and followed best practices.
- Utilized Git for version control and workflow management.
- Built reusable components to speed up development and ensure consistency.

Project 2: Amazon (WoW & AMS)

Description: Internal tools for Amazon's warehouse operations.

- **WoW (Ways of Working)**: Collects feedback, tracks store activities, and manages drivers.
- **AMS (Asset Management System)**: Tracks asset check-in/out across Amazon facilities.
- Migrated from Ionic to React Native and deployed on both iOS and Android.

Environment: React Native, Redux Toolkit, Firebase, Node.js, Express.js

Responsibilities:

- Built robust cross-platform mobile apps.
- Used Redux Toolkit to manage application-wide state.
- Integrated QR/barcode scanning features.
- Improved performance using `React.memo` to reduce re-renders.
- Used tools like ESLint, SonarLint, and Snyk to maintain code quality.
- Configured environment-specific builds (dev, staging, prod).
- Integrated analytics using Firebase, CleverTap, and New Relic.

Web Projects:

Project 3: ICH (Internal Capability Hub)

Description:

The ICH Portal is a web-based platform developed using React and Material-UI to manage and streamline internal workflows and user management. The project followed Agile methodology and used modern DevOps and project management tools.
Environment: React, Material-UI, Java, My SQL

Responsibilities:

- Configured initial project setup with **protected routing** and **authenticated routes** to secure user navigation, employing **Redux Toolkit** for efficient state management.
- Implemented **role-based access control (RBAC)** for route-level restrictions, supporting **dynamic content access** based on user roles.
- Set up **multiple environments** (development, staging, production) for seamless switching and streamlined CI/CD workflows.
- Integrated **Google OAuth** authentication on the client side to simplify secure user login and onboarding.
- Deployed the application on a server, ensuring stable and performant delivery across all environments.
- Contributed to **full-cycle development**: environment setup, API integration, component development, protected routing, role-based access, testing, deployment, and bug fixes.

Project 4: Nuvei Bill Pay - Admin Portal & Citizen Portal

Description:

Nuvei Bill Pay is a bill payment platform designed for municipalities and domain-specific users. It includes two portals:

- Admin Portal for managing municipality configurations, user access, and backend operations.
- Citizen Portal for end users to securely view, manage, and pay their utility or municipal bills.

Environment:
React.js, Material-UI (MUI), Context API, Bitbucket, JIRA (Agile), Azure DevOps (Repo + Board), Dot Net, Node, PCON and NCP Payment Processors, My SQL

Responsibilities:

- Developed and maintained **Admin and Citizen Portals** using **React** and **Material-UI**, ensuring consistency and responsiveness across devices.
- Utilized **Context API** for handling authentication and global state management across the app.
- Integrated **Strapi CMS** for managing dynamic content and enabled **content-based translation** for multi-language support across portals.
- Applied **secure routing and authorization**, ensuring only authenticated users access protected routes.
- Reused and optimized components for scalability and maintainability.
- Collaborated in an **Agile environment using JIRA (initially) and later switched to Azure DevOps Boards** for sprint planning, task management, and issue tracking.
- Managed version control via **Bitbucket**, and used **Azure DevOps Repos** for source control.
- Participated in regular **code reviews**, QA cycles, and continuous delivery practices to ensure application reliability and performance.

Summary of Achievements

- Delivered production-ready mobile and web applications with high performance and usability.
- Significantly reduced development time through reusable component architecture.
- Configured initial project setup with **protected routing** and **authenticated routes** to secure user navigation, employing **Redux Toolkit** for efficient state management.
- Implemented **role-based access control** to restrict routes based on user roles, supporting user role switching functionality for dynamic content access.
- Configured multiple environments (development, staging, production) to streamline the development process and facilitate seamless environment switching.
- Established **Google OAuth authentication** in the client side to simplify user login and boost security, improving user onboarding and access management.
- Deployed the application on a server, ensuring stable performance and accessibility across environments.
- Contributed to full-cycle development, from environment setup to deployment.

Educational Qualification

- **B.Tech. in Electronics and Communication Engineering**, Ramachandra College of Engineering, Eluru – 2019