Annavarapu Gunasaikrishna REACT NATIVE DEVELOPER

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PROFESSIONAL SUMMARY

I am a skilled React Native developer with over 2+ years of experience specializing in development for **Android** and **IOS** Proficient in **java and javascript** , with hands-on experience in designing, developing, and optimizing scalable web applications and RESTful APIs.

Experienced in working with web frameworks such as ReactNative, and RestAPI to build efficient and high-performance applications.

Strong database management skills, particularly MySQL, ensuring data integrity and optimization.

Skilled in version control using Git and GitHub, ensuring seamless collaboration in team-based projects

Proficient in development tools like VS Code **, Android Studio**, **XCode.**

Familiar with Agile methodologies, particularly Scrum and Kanban, using Jira for project management and workflow optimization. Strong problem-solving abilities and adaptability in dynamic work environments, making me a valuable asset to any development team.

EDUCATION

Bachelor Degree in

ANNA University 2018-2021

TECHNICAL SKILLS

Programming Languages : Java Script ,Kotlin,Python,SQL,HTML

Frameworks : React Native,JavaScript based FrameWork

IDEs : VS Code, Xcode, Android Studio

OPerating Systems : Windows, macOs

Tools : Git,Github,Postman

Cloud : AWS(Lambda, SNS)

WORK EXPERIANCE

Currently working Varsity Educational Management PVT LTD as a Software Engineer [Dec-2022– Till Date]

WORK PROFILE

 Project : Scaits Employee App User Interface Dec 2022– Nov 2023

 Role : Android and React Native Developer

 **State Management:** Redux Toolkit, Context API

 APIs & Services **:** Google Maps API, CameraX, Retrofit, Firebase Authentication

 Environment : Java Script, Android Studio ,Kotlin, Android Profiler, Logcat, React Native Debugger

# Description:

 The project involves developing a mobile-based user interface for process economics and multivariate data analysis models used in bioprocessing. These models support decision-making by providing economic insights and analyzing complex datasets. The goal is to enhance user accessibility by implementing a scalable and intuitive mobile application.

# Responsibilities:

 **Designed and developed** mobile applications using **Android Studio (Kotlin)** and **React Native (JavaScript)** to deliver high-performance, scalable solutions.

 **Implemented UI components and business logic**, ensuring smooth user experiences and adherence to **Material Design** and **React Native best practices**.

 **Developed RESTful APIs** and integrated backend services using **Retrofit (Android)** and **Fetch/Axios (React Native)** for seamless data communication.

 **Integrated SQLite, Room Database (Android), and AsyncStorage (React Native)** for efficient data storage and retrieval.

 **Implemented authentication and security measures**, utilizing Firebase Authentication, JWT, and OAuth for user access control.

 **Optimized app performance** by enhancing memory management, reducing API latency, and improving state management using **Redux Toolkit (React Native)**.

 **Worked with Jetpack components (LiveData, ViewModel, Navigation, WorkManager)** to build robust and scalable Android applications.

 **Managed dependencies and build processes** using Gradle (Android) and npm/yarn (React Native) to ensure smooth app deployment.

 **Used Android Profiler, Logcat, Chrome DevTools, and React Native Debugger** for debugging, performance optimization, and compliance with coding standards.

 **Collaborated with cross-functional teams** to enhance UI/UX, conduct code reviews, and implement CI/CD pipelines for efficient app releases.

 API Services Google maps Integartions and CameraX Cropping and Street View Implemented

WORK PROFILE

 Project : Scaits Parents App management app Dec-2023 To Till date

 Role : Android and React Native Developer

 **State Management:** Redux Toolkit, Context API

 **Databases :** PostgreSQL, SQLite, Room, AsyncStorage

 **Payment Integration:** Razorpay, UPI

 APIs & Services **:**  Firebase Authentication, FCM, AWS SNS

 Environment : Java Script, Android Studio ,Kotlin, Android Profiler, Logcat, React Native Debugger

# Description:

 The **Project Management Application** is a **cross-platform solution** designed to enhance **project planning, task tracking, team collaboration, and performance monitoring**. Built with **React Native for mobile (Android & iOS)** and **React.js for the web**, it ensures seamless synchronization and efficient project management. The application features **role-based access control, real-time notifications using Firebase Cloud Messaging (FCM) and AWS SNS**, and **data-driven analytics** for improved decision-making. It integrates **Google Maps for location tracking, CameraX for image capture and document uploads**, and **Razorpay for secure payment processing**. The backend, developed with **Node.js and Express.js**, ensures a scalable and secure API architecture, while **SQL** handles structured data storage efficiently. **Firebase Authentication** enables secure login and OTP verification.With **offline support, push notifications, and performance optimizations**, this solution provides a **powerful, scalable, and user-friendly** experience for managing projects effectively across **mobile and web platforms**

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 **Developed RESTful APIs** and integrated backend services using **Retrofit (Android)** and **Fetch/Axios (React Native)** for seamless data communication.

 **Integrated SQLite, Room Database (Android), and AsyncStorage (React Native)** for efficient data storage and retrieval.

 **Integrated role-based authentication and authorization**, allowing secure access control for **Project Managers, Team Members, and Admins** using **Firebase Authentication and AWS Cognito**.

 **Optimized app performance** by enhancing memory management, reducing API latency, and improving state management using **Redux Toolkit (React Native)**.

 **Implemented push notifications using Firebase Cloud Messaging (FCM) and AWS SNS**, ensuring instant alerts on task updates, deadlines, and project milestones.

 **Managed dependencies and build processes** using Gradle (Android) and npm/yarn (React Native) to ensure smooth app deployment.

 **Enabled file uploads and document sharing** using **AWS S3 and Firebase Storage**, enhancing team collaboration.

 **Integrated Razorpay payment gateway**, allowing **secure online transactions** for project-related payments, invoicing, and subscription-based services.

 **Used Git and GitHub for version control**, collaborating within an **Agile development environment** with sprints and daily stand-ups.

 **Optimized performance and security**, ensuring smooth handling of multiple users, large datasets, and real-time updates.