Annavarapu Gunasaikrishna

REACT NATIVE DEVELOPER

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📍 Hyderabad

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 **MySQ**L, 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.