Gudipudi Ashok

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REACT NATIVE DEVELOPER

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Hyderabad

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PROFESSIONAL SUMMARY

Gudipudiashok09@gmail.com

- 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

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2018-2021

TECHNICAL SKILLS

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

Frameworks

: React Native JavaScript based FrameWork

IDEsOPerating Systems

: VS Code, Xcode, Android Studio

• Tools

: Windows, macOs : 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

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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

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.
- 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.