MUHAMMAD SAAD KHALIL

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OBJECTIVE

Software Engineer with approximately 2 **years** of experience in React Native Development, specializing in hybrid app development, seeking a challenging role to contribute to innovative projects.

EDUCATION

Bachelor in Computer Science, Punjab University and College of Information Technology   **2020-2024**

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript
Frameworks & Libraries: React Native, **Redux Toolkit**, **Zustand**, Node.js, Express.js
Mobile Development: Android Studio, Xcode, RESTful APIs, **Push Notifications**
Databases: MongoDB, FireStore
Others: Git, Github, Firebase, **Stripe**, **ZegoCloud**

EXPERIENCE

Software Engineer   **August 2023 - Present**
Metadots   *Lahore, Pakistan*

- Developed cross-platform healthcare applications using React Native, ensuring a seamless user experience across iOS and Android devices.
- Collaborated with cross-functional teams, including designers, product managers, and backend engineers to deliver high-quality features on time.
- Implemented unit, integration, and end-to-end tests to maintain code quality and minimize bugs.
- Utilized state management libraries (e.g., Redux Toolkit, Zustand) to manage complex application state efficiently.
- Optimized application performance for smooth user interactions and reduced load times.
- Implemented a robust push notification system using [Firebase Cloud Messaging/APNs] to deliver timely alerts and updates to users.

PROJECTS

1- LoyalAi (Relationship Tracker): Developed a comprehensive relationship tracker where user can add their daily problems or give their partner a score that can be guided after by our loyalAi chatbot user can see dashboard.(In App Subscriptions, Widgets, Real-time notifications) Available on **Appstore**

2- MyndSpark (Mental Wellness): A mental health platform designed to alleviate stress through writing journals, reading articles, and daily task generation, incorporating advanced stress calculation algorithms with push notifications for user engagement and task reminders.(Task Reminder through Notifications) Available on **Appstore** and **Playstore**

3- FanGenie(Ticket Booking): An online e-tickets booking app for cold play concerts and also can earn referral bonuses and redeem them.(Stripe Payments,Real-time Notifications) Available on **Appstore**

4- Spectrum (Healthcare): An online health care platform enabling users to book different physicians facilitate online payments, schedule on-site meetings with video conferencing, and engage users through push notifications.(Hyperpay Payments, Zegocloud for video conferences, Real-time notifications) working on it.