

Muhammad Saad

Software Developer

msaadi252gb@gmail.com | +923346664252 | Islamabad, Pakistan | LinkedIn
m-saad-portfolio-six.vercel.app | github.com/MuhammadSaad058

PROFILE

Skilled Software Developer with 2+ years of experience building high-quality cross-platform mobile applications for iOS and Android. Specialized in developing scalable, performance-driven apps with seamless user experiences, secure authentication, and efficient backend integration. Proven ability to manage the complete app lifecycle, from development to successful deployment on the Apple App Store and Google Play Store.

PROFESSIONAL EXPERIENCE

Mobile App Developer — Oct 2024 – present
Mubbits — Islamabad, Pakistan

- Developed high-performance cross-platform mobile applications using React Native, Flutter, TypeScript, JavaScript, and Dart, delivering intuitive UI/UX, responsive layouts, and consistent user experiences across iOS and Android.
- Built scalable and maintainable mobile solutions by integrating RESTful APIs, Google Maps API, real-time geolocation, navigation, and location-based services for seamless backend communication and enhanced user experiences.
- Implemented advanced mobile features including biometric authentication, barcode/QR code scanning, push notifications, deep linking, in-app purchases, camera integration, and file handling, improving application functionality and user engagement.
- Leveraged Firebase and Supabase for authentication, real-time databases, cloud services, push notifications, analytics, and scalable backend infrastructure across React Native and Flutter applications.
- Applied modern state management solutions including Redux, Redux Toolkit, Context API, Zustand, TanStack Query (React Query) for React Native, and Provider, Riverpod, and BLoC for Flutter to build scalable, maintainable, and high-performance applications with optimized rendering.
- Designed reusable, modular, and scalable UI components while following clean architecture, best coding practices, and platform-specific guidelines to ensure maintainability and code quality.
- Performed comprehensive debugging, testing, profiling, and performance optimization using platform-specific tools, ensuring stable, secure, and reliable applications across a wide range of Android and iOS devices.
- Managed the complete mobile application lifecycle, including development, CI/CD support, build generation, TestFlight distribution, App Store Connect and Google Play Console releases, versioning, and successful deployment of production applications.

React Native Developer — Jul 2024 – Sep 2024
Agronomics Pvt. Ltd. — Islamabad, Pakistan

- Developed cross-platform mobile apps using React Native, TypeScript, JavaScript, ensuring performance, scalability.
- Integrated Firebase for real-time sync, implemented REST APIs with caching, error handling, optimized responsiveness.
- Managed state with Redux, Redux Toolkit, Context API, improving performance, scalability, and user experience.

PROJECTS

SavorConnect – Online Food Delivery App

- Used React Native for a cross-platform mobile experience with optimized performance.
- Designed an intuitive UI/UX for easy navigation, order customization, and smooth checkout.
- Integrated Stripe for secure online payments, supporting credit/debit cards and digital wallets.
- Integrated Google Maps API for location-based restaurant discovery and real-time order tracking.

Emiracks
- Developed a competitive billiards tournament platform connecting players with organized competitions at verified venues.
- Implemented tournament discovery features to help users find nearby pool and billiards events.
- Added detailed tournament information, including formats, rules, schedules, and event details.
- Built registration functionality for players to join verified venue-hosted competitions.
- Implemented tournament history and participation tracking to help players monitor their competitive journey.
- Developed player profiles that build credibility through real-world tournament results and participation.
- Enabled venues to create and manage tournaments directly on the platform.
- Focused on structured competitions with standardized rules, transparent scheduling, and venue verification.

Activity Maps
- Developed a cross-platform mobile app where contributors can add places (e.g., cafés, restaurants) and create events, while users can view them on a map and make reservations
- Integrated features like Google Maps API, push notifications, biometric authentication, barcode scanning, and secure payment with subscription handling
- Optimized app performance through Redux-based state management, efficient RESTful API communication, code optimization, and bug resolution

VCROW
- Developed a dual-portal app for parents and schools using Firebase, allowing device management, app restrictions, and push notifications
- Implemented question management and payment system for parents to purchase question sets; questions appear for kids during usage
- Created analytics and reporting features showing kids' performance through interactive graphs on parent and school portals

ProperMech
- Developed a cross-platform mobile app where car owners can manage their vehicles, search for specialized mechanics, request repair services, and track job progress in real-time
- Integrated features like Google and Apple single sign-on (SSO), push notifications via Firebase Cloud Messaging, real-time database syncing with Firestore, and camera/image selection capabilities
- Optimized app performance through efficient React Navigation routing, streamlined real-time data communication, UI/UX code optimization, and bug resolution

ProperMech Pro
- Developed a cross-platform mobile app where mechanics can manage their daily schedules, review and accept incoming repair jobs, and track order progress in real-time
- Integrated features like Google and Apple single sign-on (SSO), real-time database syncing with Firestore, camera/image selection capabilities, and an AI Service Writer via Firebase Cloud Functions to translate OBD2 scans into clean repair estimates
- Optimized app performance through efficient React Navigation routing, streamlined real-time data communication for order management, UI/UX code optimization, and bug resolution

Talk2Learn
- Developed a cross-platform mobile app where users can manage their language profiles, discover live community rooms, and participate in real-time voice and video language exchanges
- Integrated features like Google and Apple single sign-on (SSO), real-time database syncing and presence management with Firestore, and a dedicated WebRTC SFU via Agora for low-latency group video/voice calls
- Optimized app performance and architecture by leveraging Riverpod for complex real-time state management, efficient GoRouter navigation, and streamlined data listeners for in-room text chat and participant moderation

SKILLS

Programming Languages
- JavaScript, TypeScript, C++, Python

Mobile App Development
React Native, Flutter

Backend & Databases
Firebase, SQL Database, MongoDb, SupaBase

Version Control
GitHub

Testing Tools
Selenium, Cypress

Core Programming Concepts
Object-Oriented Programming, Data Structures & Algorithms

EDUCATION

Comsats University Islamabad — Aug 2020 – May 2024
BS Software Engineering — Islamabad, Pakistan

Punjab Group of Colleges — Sep 2018 – May 2020
FSc Pre-Engineering — Gojra, Pakistan