

# Muhammad Ammar

## React Native Developer

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 0332-8996611

 Muhammad Ammar

 mammar186

 Portfolio

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### PROFILE

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Frontend developer with hands-on experience building **mobile applications** using **React Native**. Skilled in TypeScript, Expo, Supabase, SQLite, and modern state management tools like Zustand and Redux. Experienced in real-time and offline-first systems, smooth UI/UX with animations, and interactive 3D interfaces using React Three Fiber. Strong CS foundation with experience in scalable component architecture, multiplayer logic, and data synchronization. Eager to contribute to a professional frontend team and grow as a full-stack-capable engineer.

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### EDUCATION

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#### **Bachelor of Science in Computer Science**

COMSATS University Lahore

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### SKILLS

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#### **Frontend Development**

React Native, Expo, TypeScript, JavaScript

#### **State Management**

Redux, Zustand, React Context API

#### **3D Graphics**

React Three Fiber

#### **Databases & APIs**

Supabase, Firebase, REST APIs

#### **Version Control**

Git, GitHub

#### **Soft Skills**

Analytical thinking, Self-directed learner, Technical communication

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### PROJECTS

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#### **Draft (Final Year Project)**

Cricket Drafting Game - React Native, TypeScript, Supabase, Expo, Sqlite, React Three Fiber, Reanimated

- Developed a cricket drafting multiplayer and single-player mobile game featuring real-time team drafting and management. Integrated a data-driven player evaluation system using engineered performance metrics and a trained machine learning model to support draft predictions. Enhanced user engagement with interactive 3D elements and smooth, high-performance animations.

#### **Progressive Overload App**

Fitness Tracker – React Native, JavaScript, Expo, Sqlite

- Built a local-first fitness tracking application focused on progressive overload training, enabling users to reliably track workouts and performance over time. Implemented efficient on-device data storage to support offline usage and fast access, and designed a clean, intuitive interface to ensure ease of use and long-term user engagement.

#### **Snooky App**

Snooker Scoring & Profile Builder - React Native, TypeScript, Supabase, Expo

- Developed a mobile application that allows users to score snooker games in real time and store performance data to build a personal snooker profile. Utilized React Native with Expo for cross-platform UI and Supabase for backend services including authentication and real-time data storage.

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 **CERTIFICATES**

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Google Advanced Data Analytics | Google Digital Marketing & E-commerce