MOHAMMED RISWAN

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SUMMARY

High-impact Flutter Developer with **2.5+ years of experience** architecting scalable mobile solutions for international markets (Canada, Oman, India). Expert in building **White-Label Ecosystems**, delivering **12+ production apps** from a single codebase. Proficient in **IoT integrations** (Bluetooth Classic), Multi-tenancy architectures, and Performance Optimization. Successfully managed applications with **5,000+ active users**, ensuring 99.9% crash-free sessions.

SKILLS

- **Core**: Flutter, Dart, C++ (Arduino), Native Android/iOS integration.
- **Architecture**: Clean Architecture, White-Labeling, Micro-features, MVC.
- **State Management**: BLoC, GetX, Provider.
- **IoT & Hardware**: Bluetooth Classic (HC-05), Serial Communication, Hex Parsing.
- **Tools & APIs**: Firebase, REST APIs, Supabase, Postman, Git, CI/CD.
- **Domain**: Sports Management, SaaS, E-Commerce, EdTech, HealthTech.

EXPERIENCE

Orionaxis (Rays Sports Network) | Flutter Developer June 2024 – Present

- **Architected a robust White-Label Solution**, deploying 12+ custom club applications (including Mississauga Ramblers, Blazing Bulls, Club7MS) using a single unified codebase, reducing development and maintenance time by 70%.
- **Developed "Sync 360" (Flagship App):** Engineered a complex Multi-Tenant System allowing users to switch between multiple organizations and sports (Cricket/Football) dynamically within the app.
- **Implemented Role-Based Access Control (RBAC)** for 4 distinct user types (Admin, Coach, Athlete, Parent) with custom dashboards for each.
- Integrated **Social Media WebViews** and dynamic Home Screen Tiles, allowing the client to update app content remotely without app store releases.
- **Localization:** Implemented Arabic language support for Middle East clients (*Club7MS*).
- Built comprehensive **E-commerce & Booking Modules (Spike Sports),** integrating secure payment gateways for product purchases and court bookings.

Freelance & Contract Projects | Lead Mobile Developer October 2023 – Present

- **ACE Learning App (EdTech):** Took over an existing codebase with **5,000+ downloads.** Optimized video player performance and refactored legacy code, reducing app loading time by 40%.
- **EA MUNC (Event App - Oman):** Developed and deployed a conference management app for Indian School Al Ghubra, handling schedules for 400+ delegates. Managed Play Store & App Store submission.
- **Meatado & Care Can (Spydo Tech):** Built a Hyperlocal Delivery platform (User + Admin) and an Employee Management System using Dio for optimized networking and GetX for state management.

Anjanajyoti Systems Pvt Ltd | Flutter Developer October 2023 – April 2024 (6 Months)

- **Developed a HealthTech Platform:** Built a comprehensive wellness app featuring 1-on-1 Video Consultations connecting users with counselors using real-time communication protocols.
- **Live Streaming Integration:** Engineered a **Live Yoga Session** module, enabling low-latency streaming for interactive wellness classes.
- **Payment & Infrastructure:** Integrated secure **Payment Gateways** for session bookings and implemented **AWS S3** for secure cloud storage of media and health records.
- Defined the mobile technology stack and managed the full development lifecycle, ensuring high performance and scalability.

KEY PROJECTS

IoT Bluetooth Controller (Open Source) | Flutter, Arduino, RFCOMM

- Built a professional **IoT mobile application** to control HC-05 modules via Bluetooth Classic.
- Implemented **Bi-directional Serial Communication** to send commands and parse real-time sensor data logs (String/Hex).

Convosys (SaaS Platform) | Lead Developer

- Developed a **Subscription-based SaaS product** for Convention Center Management.
- Features: Booking Engine, Staff Management, Billing, and automated notifications.
- Status: Production Ready (Pending iOS Approval).

EDUCATION

MGM College of Engineering | Malappuram, Kerala Computer Science Engineering | 2018 – 2022