

Meer M. Muazzam

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Full-Stack Mobile Engineer with experience building production-ready **Flutter** applications and scalable **Node.js** backend services. Specialized in designing and implementing **RESTful APIs** that power **mobile apps** and **admin panels**. Strong focus on clean architecture, performance optimization, and delivering reliable end-to-end solutions aligned with business requirements.

WORK EXPERIENCE

Software Engineer, Full-time

Jan 2025 - Present

Eplanet Global | Karachi, Pakistan

- Developing production-ready **Flutter** mobile applications for **Android** and **iOS**, delivering features aligned with business and product requirements.
- Designing and building scalable backend services in **Node.js** and **Express**, exposing **REST APIs** consumed by mobile applications and other system workflows.
- Architecting backend systems including **JWT/OAuth 2.0 authentication**, **role-based access control (RBAC)**, and protected routes to ensure secure access across platforms.
- Designing complete **database schemas** from scratch and working with both **SQL (MySQL/PostgreSQL)** and **NoSQL (MongoDB)** databases for scalable backend services.
- Implementing **real-time communication** using **WebSockets / Socket.IO** for live rider location tracking, in-app chat, real-time order updates, and event-driven workflows.
- Integrating **audio and video calling features** using the **Agora SDK** to support secure, low-latency real-time communication.
- Implemented **payment and subscription workflows**, including **RevenueCat**, **in-app purchases**, and **Stripe Connect**, across multiple mobile applications.
- Built backend services for **cron jobs**, **SMTP email handling**, and **push notification pipelines (FCM)** to support automated and real-time system events.
- Integrating **Firebase services** including Cloud Messaging and Analytics to improve messaging reliability and user engagement.
- Applied **clean architecture principles** across mobile and backend systems to improve maintainability, scalability, and long-term feature development.
- Collaborated closely with product managers, designers, and QA teams to ensure reliable delivery, performance optimization, and production stability.

Flutter Developer, Full-time

Jan 2024 - Dec 2024

Innovative Network Pvt Ltd | Karachi, Pakistan

- Stabilized production applications by resolving **30+ critical issues** across mobile and backend layers, significantly improving app reliability and user experience.
- Delivered a **Human Resource Management (HRM) mobile application** from scratch within **2 weeks**, achieving full client acceptance on the first release.
- Implemented **offline-first architecture** in a Sales Force Automation (SFA) application, enabling uninterrupted usage and reducing failed order submissions by **~90%**.
- Developed and enhanced backend functionality using **Node.js** and **RESTful APIs**, resolving critical bugs across multiple applications, including **driver reporting systems** and **vendor/customer e-commerce platforms**.
- Translated complex client requirements into **6+ deployable features**, increasing project alignment and reducing revision cycles.

Flutter Developer, Remote

Apr 2023 - Dec 2023

Aditya Enterprises

- Converted Figma designs into responsive **Flutter UIs with pixel-perfect accuracy** and smooth user interactions.
- Developed** key features including hotel booking, trip planning, and global activity discovery.
- Collaborated with the team to **troubleshoot** issues and **optimize** the codebase for better stability and maintainability.

- Led a **4-member dev team** to build web and Flutter solutions for an online tailoring platform.
- Developed core modules including authentication, database integration, custom dress builder, and real-time order tracking.
- Partnered with the design team to **refine** user flows and **enhance** overall UX through targeted suggestions.

PROJECTS

TasklyIO

[IOS](#)

TasklyIO is an AI-powered productivity app that helps users plan, organize, and manage their daily tasks, goals, and reminders effortlessly. It combines smart task planning with a minimal, intuitive interface and features like in-app purchases, AI assistance (OpenAI), and real-time task syncing built with Flutter and Node.js.

S&D App

[Android](#)

S&D App is a mobile extension of an ERP/SFA system built to streamline daily workflows for order bookers across retail and distribution. Actively used by clients like Daffy Group, Hashmi Pakistan, and Power Plus, it supports offline sales orders, shop visits, payment collection, and inventory tracking.

I solely developed the offline mode, solving complex sync challenges to ensure reliable functionality without the internet. Over 6 months, I integrated all backend APIs, improved Bluetooth slip printing, enforced location-based shop access, resolved critical bugs, and delivered key performance enhancements that strengthened the app's stability and usability across client deployments.

AimHalal

[Android](#)

AimHalal is a comprehensive Canadian lifestyle app that enables users to discover halal-certified restaurants, order food with live rider tracking, verify halal products, and access tools like Qibla direction, prayer times, and an Islamic event calendar—all in one platform.

SKILLS

Mobile Development: Flutter | Dart | Bloc | Provider | GetX | Riverpod | Stacked | Cross-Platform Mobile Development | Android | iOS | MVVM | Clean Architecture | FlutterFlow

Backend & API Development: Node.js | Express.js | RESTful APIs | Authentication (JWT / OAuth 2.0) | Role-Based Access Control (RBAC) | Cron Jobs | Puppeteer | WebSockets | Socket.IO | JavaScript | TypeScript

Database & Cloud: MongoDB | MySQL | PostgreSQL | Database Design & Schema Modeling | Cloudflare R2 | AWS S3 | Firebase (Auth, Firestore, FCM) | Supabase (Auth, Database, Edge Functions, Storage, Webhooks, Cron jobs) | Google Cloud Platform (GCP)

Tools & Practices: Git | Linux | Docker | Postman | Agile Methodologies | Software Design Patterns | Test-Driven Development (TDD)

Soft Skills: Effective Communication | Leadership | Time Management | Adaptability | Problem Solving | Teamwork | Creativity

EDUCATION

Bachelor of Engineering -Software Engineering

Mehran University of Engineering & Technology, Jamshoro, Pakistan

Oct 2019 - Nov 2023