

OAN MUHAMMAD

Mobile App Developer · Flutter & Android

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PROFESSIONAL SUMMARY

Mobile App Developer with 4+ years building fast, scalable, and intuitive Flutter and Android applications for production environments. Shipped apps across fintech, e-commerce, logistics, and SaaS domains — from concept through App Store launch. Expert in Clean Architecture, BLoC state management, and real-time data workflows. Strong track record of delivering pixel-precise multi-role interfaces, secure transaction flows, and high-performance mobile products. Currently exploring AI integration and autonomous agent systems in mobile applications.

TECHNICAL SKILLS

Mobile Development

Flutter (Expert) · Android — Java (Proficient)

Architecture & Patterns

Clean Architecture · BLoC · Provider · MVC · REST APIs

Backend & Cloud

Firebase · Django (basics) · MySQL · SQLite

Tools & DevOps

Git · CI/CD · Vercel · Linux

Key Capabilities

OCR Integration · Encrypted Storage ·
WebSockets · GPS Services · Push
Notifications · Payment Gateways ·
Syncfusion Charts · CameraX

PROFESSIONAL EXPERIENCE

Tranzo Pvt. Ltd

Mobile App Developer (Flutter)

Jun 2025 – Present

Lahore, Pakistan

- Architected multiple Flutter applications using Clean Architecture across logistics, merchant operations, and fintech domains, reducing codebase coupling and improving team scalability.
- Engineered OCR-based automation for parcel workflows and implemented device-binding for secure rider authentication.
- Built dynamic module-based access control and role-driven navigation systems serving multiple user personas.
- Developed business analytics dashboards and complex form-heavy operational workflows for merchant operations.
- Implemented AES-encrypted local storage and secure transaction flows across fintech products.
- Optimized network performance through intelligent API response caching, reducing load times significantly.

Tech: Flutter · Clean Architecture · BLoC · Provider · REST APIs · OCR · Encrypted Storage

Ginkgo Retails

Mobile App Developer (Flutter)

Sep 2024 – Jun 2025

Lahore, Pakistan

- Architected scalable Flutter applications using Clean Architecture and feature-based modularization across a multi-role e-commerce SaaS platform.
- Built complex analytics dashboards with real-time data visualizations using Syncfusion Charts for live business intelligence.
- Implemented BLoC state management and REST-driven data layers ensuring predictable, testable UI behavior.
- Delivered pixel-precise multi-role SaaS interfaces and integrated push notification pipelines for real-time user engagement.

Tech: Flutter · Clean Architecture · BLoC · Syncfusion Charts · Firebase · REST APIs

Secure Standards

Aug 2022 – Oct 2024

Part-time

Mobile App Developer (Android Java)

- Engineered real-time mobile communication features using WebSockets with a Ruby on Rails backend, handling continuous bidirectional data streams.
- Built GPS-driven content discovery and background location tracking for context-aware user experiences.
- Developed custom in-app camera functionality using Android CameraX API.
- Integrated secure payment gateway flows and push notification pipelines for end-to-end transaction security.
- Designed Retrofit-based networking layers for reliable and maintainable API communication.

Tech: Android (Java) · Retrofit · WebSockets · Firebase · CameraX · GPS

NOTABLE PROJECTS

Kissan Gudam (KissanPay – Wallet App)

Built a bilingual (EN/UR) fintech wallet using Clean Architecture, BLoC, get_it, and Dio. Delivered auth/KYC, multi-account home, transfers, bill payments, analytics/statements, and biometric session security with scalable feature modules and production-ready API integration and Unikrew biometric verification SDK implementation.

Tech: Flutter · BLoC · Clean Architecture · Encrypted Storage · REST APIs

Tranzo Suite (Pocket · Rider · Merchant · Tranzo Universe)

End-to-end logistics and fintech ecosystem spanning merchant operations, courier management, and organizational control panels. Architected with Clean Architecture and BLoC across all apps. Live on Google Play and Apple App Store.

Tech: Flutter · BLoC · Clean Architecture · OCR · QR Scanning · Encrypted Storage · REST APIs

AlfaMall by Bank Alfalah

Premium e-commerce platform for Bank Alfalah featuring banking-grade secure transactions, rich product discovery, and seamless checkout. Live on both major app stores.

Tech: Flutter · Secure Payments · E-commerce · REST APIs

Ginkgo Retail Suite (AlfaMall · Ginkgo Analytics · Sanaula)

Real-time analytics SaaS for e-commerce admins with advanced dashboards, customer behavior tracking, and performance metrics. Live on both major app stores.

Tech: Flutter · BLoC · Syncfusion Charts · Firebase · Analytics

EDUCATION

Master of Science in Computer Science

Gomal University, Dera Ismail Khan

2021 – 2023

Bachelor of Science in Computer Science

Qurtaba University, Dera Ismail Khan

FYP: SIM Card Scanning App

2016 – 2020

PUBLICATION

Medicine Image Classification Using Deep Learning: Highlighting the MedNet-MoBiL Hybrid Model

Published in *Information Retrieval Journal* · Springer · 2025 [View Publication →](#)