AJAY KUMAR GUPTA

Senior Mobile Application Developer | Kotlin Multiplatform | AI-Powered Solutions

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PROFESSIONAL SUMMARY

Senior Mobile Application Developer with 4 years of experience (1.4 years industry + 2.6 years self-driven) specializing in Kotlin Multiplatform (KMP), Compose Multiplatform (CMP), and AI-integrated solutions. Expert in architecting scalable cross-platform applications with shared business logic and native UI. Strong full-stack capabilities: mobile frontend (Android/iOS) and backend (FastAPI). Delivered production apps on Google Play Store with focus on clean architecture, performance optimization, and AI-powered innovation.

PROFESSIONAL EXPERIENCE

Mobile Application Developer (KMP / Android / iOS)

Gateway Group of Companies | Oct 2024 – Present

Lifeness – Follow-Up (Health Application) | May 2025 – Present

📱 Link: Play Store

Production health application serving real users with critical health tracking features.

Key Achievements:

- **Solo migrated entire app** to newer dependencies, ensuring maintainability and security
- **Fixed critical crashes**, improving stability and user retention
- **Implemented 16KB page size compatibility** for optimal performance on modern Android devices
- **Completed 100+ tasks**: feature development, bug fixes, performance optimizations across multiple releases
- **Implemented dynamic features using Redux architecture** for improved state management
- Worked with **KMP architecture** (shared business logic across Android/iOS)
- Collaborated with cross-functional teams for stable, on-schedule releases

Tech Stack: Kotlin Multiplatform (KMP), Native Android, Native iOS, GraphQL, REST API, Clean Architecture

YOMO – Social + Professional Networking App (Internal Project) | Oct 2024 – May 2025

Internal KMP application built from ground up during company tenure.

Key Achievements:

- **Built complete KMP app from scratch** for cross-platform development
- **Designed shared domain/data layers**, reducing code duplication by 60%
- **Contributed to architecture decisions**: modularization, code consistency standards
- **Delivered stable product** on time, meeting all milestones

Tech Stack: Kotlin Multiplatform, Android, Shared Business Logic, Clean Architecture, Multi-Module Design

SELF-INITIATED PROJECTS

AI Resume Builder | Dec 2025 – Present

📱 Link: Play Store (Internal Testing) | Link: Backend Repo

Flagship AI-powered, ATS-friendly resume builder designed to help users create professional resumes and prepare for interviews using modern AI systems.

Key Achievements:

Full-Stack Ownership:

- **Built complete full-stack AI-powered app from scratch**: mobile frontend + backend
- **Published to Google Play** (internal testing)
- Architected end-to-end AI-integrated solution with mobile-first UX

Frontend (Compose Multiplatform):

- **Developed shared UI + business logic codebase** for Android/iOS using CMP
- **Architected multi-module project**, improving build scalability and reducing feature coupling
- Implemented **Jetpack Compose UI** with focus on UX, accessibility, ATS requirements
- Integrated **Firebase authentication** (email + Google sign-in) with secure data management
- Applied **custom Gradle optimizations** for faster compilation
- Implemented **Ktor networking** with error handling and retry logic
- Designed **dependency injection** for testability

Backend (FastAPI):

- **Developed scalable backend** for AI-driven resume generation and analysis
- **Architected RESTful APIs**: AI content refinement, ATS analysis, job description recommendations
- Implemented **secure authentication** (email/password + social login)
- **Implemented rate limiting, CAPTCHA, IP throttling** to prevent abuse
- Built **clean architecture** following SOLID principles for scalability
- Designed **API structure** supporting resume generation, ATS analysis, interview prep

Tech Stack:
Frontend: Compose Multiplatform, Kotlin, Jetpack Compose, Firebase, Ktor, Dependency Injection, Multi-Module Architecture
Backend: FastAPI, Python, REST API, Authentication, AI Integration, Scalable API Design

Bouncy Clock – Pomodoro Timer App | Mid 2024 – Late 2024

📱 Link: Play Store | 📥 50+ Downloads

Productivity application built and launched independently from ideation to Play Store release.

Key Achievements:

- **Built and launched native Android app independently** from concept to production
- **Achieved 50+ organic downloads** without paid promotion
- **Implemented multi-module architecture** for code organization and scalability
- Developed **Pomodoro timer with Room Database** persistence
- Created **modern Jetpack Compose UI** with intuitive UX
- **Optimized Gradle builds**, reducing build times by 30%

Tech Stack: *Android, Kotlin, Jetpack Compose, Firebase, Koin, Room Database, Multi-Modular Architecture*

TECHNICAL SKILLS

Mobile Development:
Kotlin Multiplatform (KMP) • Compose Multiplatform (CMP) • Native Android • Jetpack Compose • iOS Development • SwiftUI • Cross-Platform Architecture

Backend & APIs:
FastAPI (Python) • REST API • GraphQL • API Design • Authentication Systems • Scalable Backend Architecture

Architecture & Design:
Clean Architecture • Multi-Modular Design • SOLID Principles • Dependency Injection • Design Patterns • Performance Optimization

Tools & Technologies:
Android Studio • Xcode • Docker • Firebase • PostgreSQL • Git/GitHub • Gradle Build Optimization • CI/CD • Postman • Neon for backend hosting

AI & Innovation:
AI Integration • AI-Powered Product Development • Machine Learning APIs • Intelligent User Experiences

Languages:
Kotlin (Expert) • Python (Expert) • HTML (Medium) • CSS (Basic)

Spoken Languages:
English (Fluent) • Hindi (Fluent) • Gujarati (Fluent)

CERTIFICATIONS

The Complete Android 14 & Kotlin Development Masterclass
Udemy | March 29, 2024
🔗 Link: Certificate

EDUCATION

Ganpat University
Bachelor of Technology – Computer Science & Business Systems
CGPA: 7.23