

PRAKASH TIWARI

Senior Android Developer

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SUMMARY

Accomplished Senior Android Developer with 7+ years of experience in designing, building, and deploying scalable Android applications using Kotlin and Java. Strong expertise in MVVM, MVP, and MVI architecture patterns. Proven track record of optimizing app performance, enhancing code quality, and reducing crash rates through meticulous debugging and testing. Skilled in full SDLC, CI/CD processes, third-party SDK integration, and payment gateways. Recognized for mentoring junior developers, collaborating across teams, and delivering high-quality solutions that improve user experience, retention, and engagement.

PROFESSIONAL EXPERIENCE

Xebia Software Services Pvt. Ltd (June 13, 2022 - Present)

Hyderabad, India

Senior Software Developer

- Spearheaded mobile architecture and feature development for a U.S.-based smart parking platform with over **500K+ downloads** and a **4.1★ Google Play rating**.
- Integrated Stripe and Square payment gateways, enabling secure and seamless transactions for thousands of daily users.
- Leading a 6-member agile team, enhancing cross-functional workflows and improving release velocity by 25%.
- Identified and resolved production-level bugs, reducing app downtime by **40%** through effective RCA and patch rollouts.
- Fostered Mapbox for real-time location tracking and interactive navigation within the app.

Wipro Limited (July 05, 2021 - June 11, 2022)

Hyderabad, India

Senior Software Developer

- As a Solution Architect at Wipro, collaborated with Topcoder to deliver scalable web and mobile solutions for 8+ global clients.
- Built eCommerce and low-code platform components, reducing feature delivery timelines by 20%.
- Applied best practices in development and code review to enhance team productivity and solution quality.

DigitalTrust Technologies (April 02, 2018 - May 21, 2021)

Hyderabad, India

Senior Software Engineer

- Engineered multiple Android SDKs for biometric and identity verification, used by public institutions in **UAE and Uganda**.
- Built robust SDKs compatible with kiosk and handheld devices, expanding the scope of digital identity services.
- Strengthened app security using biometric (face/fingerprint) and Emirates ID-based validations.
- Delivered 5+ government-compliant mobile solutions ensuring secure and scalable deployments.

SKILLS

Languages: Kotlin, Java

Architecture: MVVM, MVP, MVI, Clean Architecture

UI Development: Jetpack Compose, XML, Material Design

Networking: REST API Integration, Retrofit, Volley, OkHttp, WebSockets

Database: Room, SQLite, Firebase Realtime Database

Dependency Injection: Dagger-Hilt, Koin

Concurrency: Coroutines, Flow, RxJava

Testing: JUnit, Espresso, Mockito

Tools & Platforms: Android Studio, Git, ADB, Logcat, Firebase Crashlytics, Google Analytics

CI/CD: Jenkins, GitHub Actions

Performance Optimization: Profiling, Memory Leak Detection, ANR Debugging

EDUCATION

Centre for Development of Advanced Computing (CDAC)

Post Graduate Diploma in Advanced Computing

Hyderabad, India

August 2017 - February 2018

Dr. A. P. J. Abdul Kalam Technical University

Masters of Computer Application (MCA)

Ghaziabad, India

August 2014 - June 2017

PROJECTS

Premium Parking

Premium Parking (US-Based)

- Delivered a user-centric parking app with **500K+ downloads** and **4.1★ rating**, offering real-time booking and payment solutions.
- Integrated Mapbox for location visualization and Stripe for secure payment transactions.
- Enabled third-party offerings like Peek and Partner (e.g., boat rentals), enhancing revenue streams.
- Built push notification system that improved booking confirmation rates by **25%**

Emirates ID Card Toolkit

Emirates ID Card Toolkit is a key component of the Emirates Identity Authority strategy, designed to transform the UAE ID card into a secure electronic identity card that offers advanced capabilities beyond traditional ID verification.

- Created an SDK to extract and verify biometric and identity data from UAE ID cards.
- Supported multi-device deployment (Telpo, Paysky, Wisecard, Feitian).
- Enabled ISO-compliant face authentication and digital certificate validation.

DHR Attendance Management System

DHR Attendance Management System is an Android-based application designed to manage attendance and training for the DHR system, offering a secure and efficient solution for organizations to track and manage employees' attendance and training progress.

- Multi-Language Support: Enabled support for Arabic and English, catering to a diverse user base.
- Authentication: Integrated Emirates ID authentication using the ICA Toolkit, ensuring secure and reliable identification.

- Training Modules: Enhanced the system to support multiple training modules and allow employees to track their learning progress.

This project ensures accurate attendance tracking, enhances training management, and maintains high security standards with Emirates ID authentication.

e-KYC App (FinanceHouse, TeamEx, Mercury, TataExpress)

e-KYC App is an Android-based solution developed to streamline the customer verification process, enhancing security and reducing time for sectors like banking and telecom through digitized Know Your Customer (KYC) procedures.

- Streamlined customer onboarding with biometric authentication and Emirates ID verification.
- Reduced manual verification effort by 30% through real-time ICA Toolkit integration.
- Used across multiple sectors—banking, telecom, courier—for rapid customer registration.

ADDC (Abu Dhabi Distribution Company) (Water and Electricity Billing/Payment Application)

ADDC Mobile App was developed for the Abu Dhabi Distribution Company (ADDC) to provide users with seamless access to various customer services and enhance their overall experience with the utility company.

- Created billing and account management modules for **100K+ utility customers**.
- Implemented secure identity verification via Emirates ID, reducing manual input errors by 60%.
- Integrated ICA for real-time EID validation and backend sync with ADDC billing systems.