

Monu Sharma

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SUMMARY

Mobile Application Developer with 4+ years of experience in building **scalable** and **high-performance applications** using **Android (Kotlin, Java), Flutter, and React Native**. Experienced in developing **15+ applications from scratch** for **multiple devices** including **POS, Mobile, and Tablets**. Proven experience across **Private, Public, and Government sectors**, including domains like **Retail and Lottery Gaming**. Strong expertise in **MVVM architecture, API integration, and building reusable, dynamic UI systems** with a focus on **performance, scalability, and user experience**.

EDUCATION

B.Tech - Computer Science Engineering <i>IIMT University</i>	Aug 2021 <i>Meerut, U.P</i>
Intermediate <i>Govt. Inter College,</i>	June 2017 <i>Noida, UP</i>

TECHNICAL SKILLS

Languages: Python, Kotlin, core Java
Frameworks: Android SDK, Flutter SDK, React Native
Libraries: RoomDB, Dagger-HILT, Retrofit, ViewModel, Jetpack Compose,
DataBase: SQL

EXPERIENCE

Flutter Developer <i>Netoyed</i>	16 Jan 2025 <i>Noida</i>
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- Developing the **UX4G** Project, a mobile design system for MeitY, enabling fully dynamic theming, typography, and reusable UI components.
- Building a scalable and configurable design system from scratch, ensuring seamless adaptability across mobile applications.
- Collaborating with the DigiLocker team on the **DigiLocker** mobile application using **Android Native (Kotlin)**, focusing on performance optimization and feature enhancements.
- Developing the **NBT (National Book Trust)** mobile application in **Android Native (Kotlin)** with an emphasis on scalability and maintainability.
- Contributing to the **NCS (National Career Service)** and **EPFO (Employees' Provident Fund Organisation)** applications using **React Native, Android Kotlin and python**, ensuring cross-platform compatibility and smooth user experience.
- Implemented **DigiLocker verification** and integrated **Jetpack Compose** components to enhance UI development and maintainability

Software Engineer (Android Developer) <i>Skilrock Technologies Pvt. Ltd</i>	10 Aug 2021 – 16 sep 2024 <i>Gurugram</i>
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- Developed Android applications for POS devices (Sunmi, Telpo) with printing functionality and lottery features.
- Created mobile applications ensuring seamless user experiences and optimal performance.
- Utilized MVVM architecture to enhance application structure, promoting separation of concerns and code maintainability.
- Collaborated with cross-functional teams for user-friendly application design and smooth POS hardware integration.
- Implemented features using **Kotlin, Java, and Flutter** optimized code performance with **LiveData, Retrofit, ViewModel, Dagger-Hilt, Glide, RoomDB, and Coroutines**.
- Conducted code reviews for quality assurance and compatibility with POS hardware.
- Worked with QA and backend teams to resolve bugs and integrate APIs, ensuring feature-rich applications within project timelines.

PROJECTS

EPFO (Employees Provident Fund Organisation) | *(Under Progress) | React Native, Android Kotlin, Python*

- Developed and enhanced core functionalities enabling users to securely view and manage their PF accounts, including passbook details and contribution history.
- Implemented end-to-end workflows for submitting various PF claims (withdrawal, advance, transfer, etc.) within the application.
- Built features for users to initiate exit requests from their current organization and manage PF-related account transitions.
- Ensured secure API communication by integrating **AES encryption** with public-private key mechanisms for data protection and compliance.
- Collaborated across **React Native, Android Kotlin, and Python** components to deliver a stable, cross-platform PF management experience.

NCS (National Career Service) | *React Native*

- Developed and maintained a comprehensive job application platform enabling users to apply for private, government, national, and international job opportunities.
- Implemented advanced job search features including profile-based recommendations and dynamic job filters for a personalized user experience.
- Enabled secure user authentication and data verification through **DigiLocker login integration**.
- **Play Store:** NCS - National Career Service

NBT (National Book Trust) | *Android Kotlin*

- Developed and maintained an online book purchasing application enabling users to browse, purchase, and read digital books seamlessly.
- Integrated **Paytm Payment Gateway** for secure and smooth in-app book purchases.
- Implemented key reading features including PDF viewing, bookmarking, and resume-reading functionality for enhanced user experience.
- Built Add to Cart, Order History, and Profile Management modules to support complete e-commerce workflows.
- **Play Store:** NBT – National Book Trust

UNL | *Java , Kotlin , Sunmi SDK, MVVM*

- Managed maintenance and enhancements for seamless lottery sales.
- Integrated printing and scanning functionality for optimized transaction processes.
- Maintained and enhanced a Java-based Android app for Sunmi POS devices.
- Integrated and refined printing capabilities for transaction receipts.

LongaLotto | *Flutter , Kotlin , Sunmi Sdk, Telpo Sdk, MVVM*

- Online lottery gaming application with draw and instant games.
- Users enjoy diverse gaming options within a seamless interface.
- Facilitated Deeplink and Push Notification integration.
- Integrated APIs for seamless data exchange.
- Conducted bug fixing and implemented new functionality for improved performance.