

# Preetanshu Mishra

Senior Mobile Application Developer with 11+ years of experience in building Native and Cross Platform Mobile Solutions using Kotlin (Jetpack-Compose) for Android, Swift (SwiftUI) for iOS, .NET for Mobile and React Native using applying MVVM and Clean Architecture principles to deliver modular, testable, and maintainable applications.

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## EXPERIENCE

### **STACK Constructions Canada**, Montreal — *Mobile Software Engineer*

December 2023 - November 2025

**Stack Build & Operate App (iOS, Android):** Built custom 2D drawing canvas with Swift/Kotlin for construction takeoff measurements - supporting multi-touch gestures, multiple layers of drawings, real-time area calculations, and vector-based infinite zoom. Contributed to 50% reduction in plan review time through offline-first architecture enabling field crews to work without Wi-Fi.

### **Sidekick Interactive**, Montreal — *Senior Mobile Developer*

November 2023 - February 2024

**Multiple Apps (.NET MAUI):** Modernized enterprise application portfolio by migrating legacy Xamarin.Forms apps to .NET MAUI framework - improving performance, user experience, and long-term maintainability. Reduced technical debt through systematic refactoring and implemented automated testing suite, resolving critical production bugs and improving code reliability.

### **LinkedIn**, Bengaluru — *Senior Software Engineer*

June 2021 - May 2023

**Workplace Management App (iOS, Android):** Built interactive floor plan visualization with real-time occupancy status and QR code check-in system for LinkedIn's internal Workplace Management App - improving office resource utilization and employee productivity using Swift/Kotlin. Architected real-time system with WebSocket integration and native calendar synchronization (EventKit/CalendarContract) - serving thousands of LinkedIn employees for room bookings, desk reservations, food ordering, and meeting coordination across iOS and Android.

## SKILLS

Agile & Scrum  
Design Patterns  
Clean Architecture  
MVVM Architecture  
SOLID Principles  
Reactive Programming  
Dependency Injection  
Android  
Kotlin  
Jetpack-Compose  
RxJava  
RxKotlin  
RxAndroid  
Dagger  
Hilt  
Koin  
Coroutines  
iOS  
Swift  
SwiftUI  
Combine Framework  
SQLite  
.NET MAUI  
.NET Mobile  
Xamarin.Forms  
Xamarin Native  
C#  
JUnit  
 NUnit  
 XUnit  
Appium  
Espresso  
MvvmCross  
PrismMvvm  
Test-Driven Design  
Domain-Driven Design

## **Hexaware Technologies Ltd., Chennai — System Analyst**

October 2018 - May 2021

**Human Resource Management System App (iOS, Android):** Built enterprise HR Management System with digital timesheet management, leave workflow with approval hierarchy, secure payroll module featuring biometric authentication (Touch ID/Face ID), encrypted PDF payslips with bulk download capability, and employee directory with offline caching - serving 1000+ employees with SSL pinning and encrypted data storage.

**Vehicle Insurance System App (iOS, Android):** Built comprehensive vehicle insurance management system with digital policy dashboard displaying real-time coverage details, claims submission with photo upload, renewal workflow with premium recalculation based on NCB eligibility, and integrated payment gateway supporting multiple payment methods (UPI, cards, net banking) with PCI DSS compliance, garage network locator with map integration and real-time claim status tracking.

**Life Time Member App (iOS, Android):** Built class booking system for Life Time Member App (filtering by type, instructor, difficulty), spa/salon appointment scheduling with therapist selection, workout video streaming with offline download capability during COVID-19 lockdown, TV casting integration (AirPlay/ChromeCast) with real-time Heart Rate Monitor using BLE, and restaurant ordering with real-time order tracking.

## **Xebia India, Bengaluru — Consultant**

January 2017 - September 2018

**Training and Education App (Xamarin.Forms, PrismMvvm):** Built mobile training platform for Xebia Academy supporting course catalog, enrollment management, training schedules, learning materials access, and progress tracking using Xamarin.Forms and Prism MVVM - enabling digital learning delivery for professional development courses in Agile, DevOps, Cloud, and Software Engineering disciplines. Sole developer responsible for complete development lifecycle from requirements to deployment.

**Life Time Member App (iOS, Android):** Built class booking system for Life Time Member App (filtering by type, instructor, difficulty), spa/salon appointment scheduling with therapist selection, workout video streaming with offline download capability during COVID-19 lockdown, TV casting integration (AirPlay/ChromeCast) with real-time Heart Rate Monitor using BLE, and restaurant ordering with real-time order tracking.

**IT Services App (Xamarin.iOS, MVVM):** As a sole developer, I was responsible to manage the complete development and deployment of the app that supports engagements with different companies for the client.

**Aviation Management Apps (Xamarin.Forms, PrismMvvm):** Built three aviation management systems for SpiceJet: SpicyCrewPortal for crew member access to portal and CFRs, InFlight Audit app for auditing crew behaviour and compliance during flights with digital report generation for government review, and Spice FMS (Fuel Management System) for controlling fuel usage in aircraft with GPU/ACU monitoring - enabling digital transformation of aviation operations and regulatory compliance.

## **ACHIEVEMENTS**

Certified Xamarin Mobile Application Developer by Microsoft Xamarin University

## **LANGUAGES**

English  
Hindi

## **INTERESTS**

PC & Console Gaming  
Gadgets & Technology  
Traveling  
World History  
World Map  
Programming  
Movies & Series

## **EDUCATION**

**Post Baccalaureate Diploma in Business Analytics**  
Cape Breton University  
Nova Scotia, Canada  
January 2023 - December 2024

**Post Graduate Diploma in Wireless and Mobile Computing**  
CDAC-ACTS  
Bangalore, India  
August 2013 - February 2014

**Bachelor of Technology in Electrical Engineering**  
Uttar Pradesh Technical University  
Lucknow, India  
July 2007 - June 2012

## **EPAM India, Hyderabad — Software Engineer**

February 2014 - January 2017

### **Automated Vehicle Sales Management App (Xamarin.iOS,**

**Xamarin.Android, MvvmCross):** Built automated vehicle sales management app for Lookers UK dealership network with inventory management, customer relationship tracking, test drive scheduling, finance calculation tools, and digital paperwork processing - streamlining end-to-end sales workflow from initial inquiry to final delivery. Integrated real-time vehicle availability sync across multiple dealership locations, automated pricing engine with trade-in valuation, and digital signature capture for contract execution.

**Mobile Analytics App (Xamarin.iOS):** Worked with a team of 5 developers to create UI and integrate it with a mobile analytics api and show the data in graphical format.

**IT Services App (Xamarin.WinPhone, Xamarin.Android):** Worked with a team of 4 developers providing support sales and communication for the different startups that deal with the client.

### **Inventory Management App (Xamarin.WinPhone, Xamarin.Android,**

**SQLite):** Worked with a team of 5 developers to ease the inventory management for a warehouse.

**Enterprise App Store (Xamarin.iOS):** Worked with a team of 4 developers to create a space for all the company's internal apps segregated on the basis of department and categories.

**Salesforce Management App (Xamarin.Android):** Salesforce Cloud-based Management App to automate the company's management functions.