

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.

+1-(647)-217-3469

preetanshumishra@gmail.com
<https://www.linkedin.com/in/preetanshu>
<https://github.com/preetanshumishra>
<https://preetanshumishra.github.io>

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.