### **SKILLS**

**Programming Languages & Frameworks:** Kotlin, Swift, Java, Jetpack Compose, SwiftUI, UIKit, Kotlin Multiplatform (KMP), Compose Multiplatform (CMP), ReactNative, JavaScript, TypeScript.

Tools & Platforms: Android Studio, Xcode, VS Code, WebStorm, Figma, Git, Git-flow, GitLab, Docker.

**Mobile Development:** BLE Integration, DevOps (Jenkins, Fastlane, TestFlight, App Center), MVVM, REST, Google Maps, Push Notifications, Deeplink, SQLite, RoomDB, CoreData, SQLDelight, FirestoreDB, Realm, Google Play Store, Apple App Store, Dagger, Hilt, Koin, Ktor.

Other: Agile & Scrum methodologies, CI/CD automation, Performance Optimization.

## **WORK EXPERIENCE**

#### **Mobile Application Developer**

# Freelancer | Remote, Canada | April 2025 - Present

- Building cross-platform mobile apps for iOS and Android using React Native.
- Prototyping utility apps focused on BLE communication, local notifications, and media controls.
- Exploring modern development workflows, improving UI/UX.

### **Lead Mobile Application Developer**

## ORBCOMM | Ottawa, Ontario, Canada | March 2021 - March 2025

- Developed Android (Jetpack Compose) and iOS (SwiftUI) apps following MVVM architecture.
- Led Kotlin Multiplatform (KMP) initiative, reducing code duplication and improving efficiency by
   30%
- Integrated BLE devices for real-time data transfer and communication.
- Designed and implemented an offline-first architecture, ensuring seamless app functionality even in poor network conditions.
- Optimized CI/CD workflows (GitLab, Fastlane, App Center), reducing deployment time by 40%.
- Enhanced app performance (lazy loading, background processing, memory management), improving responsiveness.
- Conducted code reviews, enforced best practices, and mentored junior developers.
- Implemented biometric authentication (Face ID, Touch ID, Android Biometrics API).
- Collaborated with hardware engineers to align mobile solutions with embedded systems, ensuring seamless IoT integration.

## **Mobile Application Developer**

## Freelancer | India | June 2019 - November 2019

- Developed a news app using Kotlin + MVVM with an intuitive UI and smooth performance.
- Delivered high-quality applications within deadlines while incorporating client feedback.

### **Mobile Application Developer**

## Ecosmob Pvt. Ltd. | India | September 2018 - June 2019

- Built VoIP-based Android applications using Kotlin, optimizing call quality and performance.
- Trained junior developers and contributed to the hiring process for Android engineers.

#### **Mobile Application Developer**

## Hodusoft Pvt. Ltd. | India | May 2016 - September 2018

- Developed an education-based mobile app for schools in Java, later migrating it to Kotlin (MVVM) for improved scalability and maintainability.
- Created a driver application that displayed real-time school bus tracking for parents using Firebase Realtime Database, and Google Maps API.
- Integrated payment gateways for seamless in-app transactions, ensuring secure and efficient payment processing.
- Published multiple white-labeled Android applications, customizing solutions for various clients.

## **EDUCATION**

# Bachelor of Engineering - Computer Engineering Gujarat Technological University | India | 2011 - 2015

- Strong foundation in C, C++, Java, data structures, algorithms, and problem-solving.
- Expertise in computer architecture, cybersecurity, and OS with hands-on Android development.

# Diploma - Computer Programmer Algonquin College | Canada | 2019 - 2021

- Expertise in Java, OOP, design patterns, databases (SQL, MySQL, Oracle).
- Experience in web & mobile development (JavaScript, PHP, Kotlin, Firebase) and Linux/network programming.
- Applied agile methodologies and SDLC in real-world projects.

#### **PROJECTS**

## ORBCOMM Field Support Tool - Orbcomm | Android | iOS

- Converted legacy mobile applications from Java to Kotlin (Android) and from Objective-C to modern SwiftUI (iOS), significantly improving performance.
- Migrated both apps to Kotlin Multiplatform (KMP), unifying business logic and reducing development time by 40%.
- Developed native apps using MVVM architecture for BLE device setup and configuration.
- Integrated Google Maps API and REST API for field operations.

## ORBCOMM Installation for HLAG - Orbcomm | Android | iOS

- Built BLE-based installation tool for pairing devices with containers.
- Built both Android and iOS apps natively using Jetpack Compose (Kotlin) and SwiftUI with MVVM
  architecture.
- Ensured robust testing and seamless integration with installation workflows.
- Delivered user documentation and incorporated feedback iteratively.

#### Printing Label Maker - Own Application | Android

- Created a label printing app using MVVM and Firebase for data storage and OTP-based login.
- Implemented OTP-based login and custom label design tools.
- Synced local and cloud data for persistent access.
- Designed the entire UI including logo and all screens using Adobe Illustrator and Figma.

#### Prachar Weekly - Freelance | Android

- Developed a Kotlin-based news app with notifications and multimedia.
- Designed a responsive UI and integrated analytics for engagement tracking.

## MyEDU Bus Tracker - Hodusoft Pvt. Ltd. | Android

- Built a GPS-based school bus tracking app with real-time updates.
- Used Firebase for data sync and notification services.

## MyEDU School App - Hodusoft Pvt. Ltd. | Android

- Built a school communication app with messaging and file-sharing features.
- Focused on UI/UX and data privacy compliance.
- Enabled white-labeling for effortless customization and deployment across clients.

## HoduPhone - Hodusoft Pvt. Ltd. | Android

- Developed SIP-based VoIP app for HoduPBX with low-latency call handling.
- Integrated core VoIP features and ensured high-quality communication.