

# RAJWINDER SINGH

## Team Lead and Developer

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## SUMMARY

I am a Senior Mobile Engineer with over **10.2 years, 2 years as Android Lead** having experience in building high-performance Android and cross-platform applications. I specialize in Kotlin, Java, and Flutter, with strong expertise in **Jetpack Compose for modern, scalable, and intuitive Android UI development**, alongside BLE/IoT integrations and robust architecture design. My passion for mobile development and user experience drives me to lead teams and deliver enterprise-grade applications that create significant impact.

## EXPERIENCE

### Team Lead | Senior Software Engineer

#### Netsmartz InfoTech

📅 01/2019 - Current

- Company specializing in software development and IoT solutions
- Lead Android development for multiple BLE-powered IoT apps
  - Architected apps with **MVVM , Data Binding & Jetpack Compose** for scalability and maintainability
  - Integrated analytics, crash reporting, and CI/CD pipelines
  - Designed custom UIs following Material Design standards
  - Built *Swaraj Assist*, an **AI chat app** integrating ChatGPT API with TTS/STT, improving communication efficiency for Swaraj IT leadership.

### Android Developer

#### Paras Technologies

📅 08/2018 - 01/2019

- An IT solutions firm focusing on progressive technology
- Delivered e-commerce and productivity apps with QR scanning
  - Championed Kotlin adoption and modular architecture

### Android Developer

#### Igniva Infotech

📅 08/2016 - 08/2018

- A technology company providing digital solutions
- Built consumer apps with rich multimedia features
  - Implemented advanced media processing with FFMPEG and AWS cloud uploads

### Android Developer

#### Biri Infotech

📅 08/2015 - 08/2016

- A software firm delivering mobile and web solutions
- Created tele-consultation apps with EXOTEL calling
  - Implemented secure REST integrations

## EDUCATION

### B.Tech

#### Rayat Institute of Engg & IT

📅 08/2010 - 05/2014

## KEY ACHIEVEMENTS

### Impactful Mobile Application Development

Developed multiple high-impact mobile applications that are widely used and appreciated by users, contributing to significant improvements in their daily activities

## LANGUAGES

**English**  
Native



**Punjabi**  
Native



**Hindi**  
Native



SKILLS

Agile	Android Studio	CI-CD	AI
Jetpack Compose	BLE	Bluetooth	
Crashlytics	React Native	Dart	DI
ECommerce	FCM	Flutter	Git
TTS - STT	Google Firebase	IoT	
Java	Jetpack	JSON	Kotlin
Material Design	Modular	MVVM	
Python	REST	Retrofit	Scrum
SVN	TypeScript	Video Editing	
Xcode	Angular	SQLite	

PROJECTS

Various Mobile Applications

- A range of mobile applications focusing on fitness, management, and video editing
- Zygo: BLE headset fitness app with real-time audio streaming built using Kotlin and Jetpack Compose.
  - Dog Pacer: Smart treadmill controller for pet exercise built using Kotlin.
  - Swaraj CDMS Suite Multiple customer/dealer/management apps for agricultural machinery like Swaraj Tractors, Swaraj CODE, Swaraj Farm Machinery Products built using Java, Kotlin and Jetpack Compose.
  - Swaraj Assist – Worked on AI Chat app using chat gpt api and TTS, STT, for Swaraj IT HOD and Management built using Kotlin and Jetpack Compose.
  - TaxiMobileSolution: Uber-like dual-app ridehailing platform built using Java.
  - Shootit: Mobile video editing with audio mixing & compression built using Java.
  - Blinq Blind Smart Blind Control App - a BLE room smart home application that enables users to seamlessly control and automate window blinds directly from their mobile devices. built using Kotlin.

ADDITIONAL SKILLS

AI Tools

**Agentic AI Exploration:** Exploring **CrewAI** and **LangChain** to build multi-agent workflows and learn agentic AI concepts for automating complex development tasks.

**AI Copilot Productivity:** Leveraging tools like **Claude**, **DeepSeek**, **Perplexity**, and **Julius AI** to speed up research, code generation, debugging, and data analysis, boosting overall development productivity.

Web & Backend Development

Learning **Angular** for modern, responsive web front-end development with TypeScript and component-based design.

Learning **Python** for AI/ML projects and backend API development.

FIND ME ONLINE

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