

# ANDREWS HELWIN

9345338190



andrewshelwin04@gmail.com



Software Developer

Chennai



## SUMMARY

Dynamic and results-driven software developer with experience in designing, building, and maintaining applications across multiple platforms. Skilled in MVVM architecture, API integration, SQL, and managing large-scale datasets. Experienced in integrating field processes with centralized platforms through API-driven solutions, and proficient in Android development using Retrofit, RecyclerView, and a variety of UI components. Adept at delivering efficient, scalable, and user-focused solutions with strong problem-solving and data management skills.

## EDUCATION

### Loyola ICAM College of Engineering and Technology

B.Tech in Information Technology  
2020 – 2024 | CGPA: 8.0

### BMC Matric Hr Sec School

HSC – 78.9% (2019–2020)  
SSLC – 92% (2017–2018)

## SKILLS

- Languages:** Java, Python, SQL, C, HTML, CSS, JavaScript, Kotlin, Dart
- Android Development:** MVVM, Retrofit, RecyclerView, ViewModel, LiveData, Material Design, ConstraintLayout, CardView, Widgets, API Integration
- Databases:** MySQL, SQLite
- Tools:** Android Studio, Figma, Canva, Salesforce, GitHub
- Other Skills:** Time Management, Teamwork, Problem-Solving, Communication

## CERTIFICATIONS

- Introduction to AI – Springboard
- Bayesian Network – Springboard
- HTML Essential Training – IBM
- Cloud Computing Introduction – IBM
- GCP badges

## PROFESSIONAL EXPERIENCE

### Junior Android Developer

CODA Technologies | December 2024 – Present

- Developed and maintained the iStock Android app for large-scale physical verification of materials and assets in an MDM environment, handling lakhs of records.
- Implemented MVVM architecture (ViewModel, LiveData, Repository) and designed responsive UIs using ConstraintLayout, Material Components, and CardView.
- Integrated Retrofit for secure REST APIs with real-time synchronization and built robust online/offline functionality for field operations.
- Managed large datasets efficiently using RecyclerView with custom adapters, optimized binding, and smooth data rendering.
- Integrated QR scanning, RFID scanning, and Google OCR for automated and accurate data capture across multiple verification workflows.
- Implemented image/video capture, gallery selection, Bitmap compression, and secure upload to AWS S3, including background upload support.
- Performed manual debugging, log analysis, and unit testing.

### Full Stack Developer- Intern

OpenWeaver | September 2023 – November 2023

- Completed structured weekly modules covering web development fundamentals and backend integration.
- Applied learned concepts to build projects each week, enhancing problem-solving and coding efficiency.
- Worked locally with HTML, CSS, JavaScript, and backend logic to simulate a complete functional system.

### Salesforce Developer (Internship)

Salesforce | July 2022 – September 2022

- Participated in an 8-week virtual internship with guided learning and weekend sessions to complete Salesforce Trailhead modules.
- Covered topics including Salesforce Fundamentals, Organizational Setup, Process Automation, Apex Development, Testing & Debugging, and Lightning Web Components (LWC) & API integration.