

# Reham Mohammed Ahmed

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## SUMMARY

I am an Android Developer and Computer Science graduate, with hands-on experience building **5+ Android applications** using **Kotlin**. Skilled in modern Android development with **Jetpack Compose**, Android Jetpack components, and clean architectural patterns such as **MVVM and modular architecture**. I have worked on real-world projects with a strong focus on performance, scalability, and user experience. I am passionate about writing clean, efficient code and continuously improving app quality while collaborating effectively within development teams.

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## EDUCATION

**Bachelor's Degree in Computer Science, Faculty of Computers and AI, Beni-Suef University**

**July 2024**

**Major:** Computer Science

**Grade:** 3.53 / 4.0 (A)

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## INTERNSHIPS

**Android Mobile App Developer, DEPI, MCIT**

**Dec 2025 – Present**

- Completed 100+ hours of intensive training in Java, Kotlin, Object-Oriented Programming, and Professional Soft Skills.
- Earned a 99% average score across all certification exams and training assessments.

**Android Developer, Route IT Training Center, Maadi, Egypt**

**Oct 2024 – Apr 2025**

- Developed **5+ real-world Android applications** using **Kotlin**, following **MVVM** and **Clean Architecture** principles.
- Implemented a branching strategy using **Git**, which resulted in a 15% faster integration of new features

**Android Developer Scholarship, Orange Digital Center Egypt, Nasr City, Egypt**

**Sep – Oct 2024**

- Built a **multi-module Meals application** using **Jetpack Compose**, **MVVM**, and **Clean Architecture**.
  - Integrated remote APIs using **Retrofit** and handled asynchronous operations with **Kotlin Coroutines and Flow**.
  - Implemented **dependency injection** with **Hilt**, reducing boilerplate code by an estimated **40%** and significantly improving code maintainability and scalability for future features.
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## PROJECTS

**E-Commerce App**

**Feb – Apr 2025**

Developed a full-featured Android e-commerce application that enables users to browse and search products, view detailed product information, manage favorites, and complete purchases through a smooth cart and checkout flow. Implemented the app end-to-end using **Multi-Module Clean Architecture (app, domain, data)** and **MVVM**, ensuring scalability and clean separation of concerns. Added local caching to support offline usage, improving reliability and user experience. The app supports **100+ products** with smooth navigation and responsive UI.

## FlashFeed News App

Jan – Feb 2025

**FlashFeed** is an Android news application that enables users to browse, search, and read real-time news articles across multiple categories through a clean and intuitive interface. The app follows **Multi-Module Clean Architecture** with clearly separated **app, domain, and data modules**, ensuring high scalability and testability. Developed end-to-end using **MVVM architecture**, optimized data handling with proper loading and error states, and improved overall app performance by approximately **20–25%** through efficient state management, optimized network calls, and **Hilt dependency injection**.

## Meals App

Sep – Oct 2024

Developed an Android food browsing application that displays **hundreds of meals** fetched from a public API. Implemented a **modular architecture** using Android Architecture Components, reducing average build times by approximately **20%** and enabling efficient parallel development within a **3-member team**, resulting in faster feature delivery.

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## SKILLS

### Programming Languages

- Kotlin
- Java
- Dart

### Architecture & Patterns

- MVVM (Model-View-ViewModel)
- Clean Architecture
- Repository Pattern
- SOLID Principles

### Android Components & Libraries

- Android SDK
- Android Jetpack (ViewModel, LiveData, Navigation, WorkManager)
- Kotlin Coroutines
- Dagger Hilt (Dependency Injection)
- Room Database
- Shared Preferences
- DataStore
- RESTful API Integration
- Retrofit

### Android UI & Frameworks

- Jetpack Compose
- Android XML Layouts
- Material Design Components

### Tools

- Android Studio
- Gradle
- Git, GitHub
- CI/CD Pipelines (GitHub Actions)
- Firebase

### Software Engineering & Testing

- Object-Oriented Programming (OOP)
- Data Structures & Algorithms
- Problem-Solving & Debugging
- Unit Testing (Junit)
- UI Testing (Espresso)

### Languages

- Arabic (Native Proficiency)
- English (B2)