

Yousef Hashem | Software Engineer

Cairo, EG

Email: yousefhashem128@gmail.com

Cell Number: +20 105 076 7413 / +20 114 040 9020

[linkedin.com/in/yousef-hashem-1024](https://www.linkedin.com/in/yousef-hashem-1024)

github.com/yousefHashem

behance.net/yousefhashem

Summary

Software Engineer with 4+ years of experience specializing in Android, frontend, and backend development using Java and Kotlin. Skilled in building scalable and maintainable applications using clean architecture principles, SOLID principles, REST APIs, Firebase, and modern development tools.

Worked on multiple freelance projects across healthcare, e-commerce, automotive, real estate, and business systems for clients in Egypt, Iraq, and Kuwait. Experienced in leveraging AI-powered development tools such as Claude and OpenAI Codex to improve productivity, accelerate development workflows, and enhance software quality. Passionate about problem-solving, software architecture, and building high-quality digital products with strong focus on performance and user experience.

Experience

Graphic & UI/UX Designer – Freelance

10/2018 – 3/2025

- Led complete social media visual design for **Proline**, distributor of **Mannol** German oils in Egypt.
- Designed UI/UX for 10+ websites and mobile apps, ensuring user-friendly and modern interfaces at **Lealaf Hellas**.

WordPress Developer – Freelance – Giza, EG

05/2020 – 11/2020

- Design and customize templates for several companies and offices

Android Developer – Emotion – Cairo, EG

04/2023 – 05/2024

- Improve app and completely redesign it in an attractive and modern way
- Adding many new features (wallet, store, reservations system, referral system, payment gateway)

Android Developer / UI Design – Freelance – Giza, EG

02/2021 – Present

- Developed 5+ high-rated apps, optimized performance, and integrated Firebase, And APIs.
- Development a taxi booking application (payment gateway - APIs - firebase - chat - wallet)
- Development of a complete real estate marketing application

Volunteer Experience

Java Android Course Instructor, Student Activity Program

01/2021 – 04/2021

- Designed and delivered a comprehensive Java Android course for students, covering core concepts, development techniques, and best practices.
- Created engaging and interactive lesson plans to facilitate effective learning and retention of material.
- Assisted students in developing their own Android applications, providing guidance and troubleshooting support.

Technical Skills & Expertise

Programming: Kotlin, Java, JavaScript, XML, HTML, CSS.

Mobile Development: KMP, Android SDK, Android Studio, Jetpack Compose, Gradle, Maven, Firebase Services.

Frontend & Backend Development: React.js, Next.js, Node.js, Ktor, RESTful APIs, Authentication Systems, API Integration.

Architecture & Patterns: MVVM, MVC, MVP, MVI, Clean Architecture, SOLID Principles, Design Patterns, OOP.

Database & Cloud: Firebase Firestore, Realtime Database, SQL, Cloud Integration.

Tools & Platforms: Git, GitHub, Postman, Firebase Console, CI/CD basics.

Design & UI/UX: Material Design, Responsive UI Development, UI/UX Design, Adobe XD, Photoshop.

AI-Powered Development Tools: Claude, OpenAI Codex, Gemini, ChatGPT, Antigravity, Spec-Kit.

Education

Higher Institute of Computer Science and Information Systems, Egypt

B. S. in **Computer Science**, Good, Graduation Year 2024

Courses

Android Kotlin – Russian Culture Center, 2021

- Kotlin Fundamentals: Introduction and basics of Kotlin programming.
- Layouts: User interface design and implementation using XML and Kotlin.
- App Navigation: Management of app navigation patterns, including navigation components and deep linking.
- Activity & Fragment Lifecycle: Lifecycle management of activities and fragments.
- App Architecture (UI Layer): Structuring the UI layer with MVVM architecture.

Android Developer Track | Udacity 1 Million Arab Coders (2019)

- Java (OOP), Android SDK, XML Layouts, SQLite, Retrofit, RESTful APIs.

Introduction to Programming – Barmej.com (2018)

- Programming Basics: Introduction to algorithms, data structures, and programming logic.

- Problem-Solving: Developing solutions to common programming challenges.
- Project Work: Building simple command-line applications.

UI/UX Design Certification | Online (2018): Wireframing, Prototyping, Figma, User Research.

Graphic Design Diploma | Creative Courses, Egypt (2018): Branding, Typography, Adobe Suite.

Personal Projects

Graduation Project

01/2024 – 05/2024

- Generate a QR code containing customer data.
- When the QR code is read, the application is linked to the store via firebase Realtime.
- Track products placed in basket with AI and synchronize them with app cart.
- When you leave store, cost of products is automatically deducted from app (Geofence).

Language

Arabic: Native

English: Upper-Intermediate