

# Nour El-den Alaa

## Android Developer

✉ nourelden515@gmail.com 📞 +20 102 050 6814 📍 Cairo, Egypt

🌐 <https://github.com/Eng-Light>

## EXPERIENCE

---

### Freelance Kotlin Developer

01/2024 – 07/2024

Remote

- Worked on multiple large-scale systems and diverse projects, applying Agile and Scrum methodologies to manage projects, and ensure consistently timely delivery effectively.
- Collaborated with teams and independently to effectively achieve project objectives, delivering high-quality solutions across various domains.

### HotelX-Hotels System [🔗](#)

- Contributed to the development of a large-scale hotel management tablet app, which includes core features such as reservations, invoicing, and administrative functions.
- Developed and enforced robust permission controls to enhance security and streamline access for various user roles.
- Designed and implemented the **backend architecture**, ensuring scalable and efficient data handling for seamless operation.

### Kotlin Developer Intern / Team Leader

02/2023 – 09/2023

The Chance [🔗](#)

Remote

- **Led and supervised cross-functional teams** on a variety of projects, fostering a collaborative environment to achieve project objectives.
- **Guided project ideation, design, and development processes**, ensuring alignment with team and organizational goals.
- **Oversaw comprehensive code review processes** to maintain code quality and enforce best practices.
- **Significantly contributed to** project ideation, design, and development as a team member.

### Android Intern

09/2022 – 12/2022

egFWD [🔗](#)

Cairo, Egypt

Udacity's Advanced Android Nanodegree program for 4 months.

### Flutter Team Member & Instructor

10/2021 – 10/2022

MSP Tech Club - Al Azhar University [🔗](#)

Cairo, Egypt

## PROJECTS

---

### Honey Mart Client [🔗](#)

- Led the team through the development of the admin and owner apps, ensuring high-quality delivery and alignment with project goals.
- A suite of Android apps for users, owners, and administrators, built upon a **multi-module architecture** with **Jetpack Compose**, streamlined the entire process of hypermarket creation, management, and shopping.

### Hony Mart Server [🔗](#)

Server side of Honey Mart App

- Played a key role in building and refining the **multi-module** infrastructure and business logic using **Ktor Server** and **PostgreSQL** following **Clean Architecture**.
- Implemented essential features such as **Firestore notifications** and **Multimedia uploading**.

## Trivia Game [↗](#)

- Collaboratively designed and developed the Trivia Game App using **Jetpack Compose**, focusing on a captivating UI and an immersive user experience.
- Leveraged a REST API with the **Ktor client** for seamless engagement, enhancing the app's responsiveness and gameplay dynamics

## BusyBee [↗](#)

An Android app that allows users to save and manage their own Todo's, as well as view and manage the Todo's of their team members.

- Implemented **MVP** architecture, enhancing code maintainability and facilitating future feature additions.

## TastyIndia [↗](#)

An Android app that lets you explore and enjoy authentic Indian cuisine.

## Servizi [↗](#)

3rd-year Graduation project

- Managed the development of an online system for home services and repairmen networking.
- Led a cross-functional team of backend developers, UI/UX designers, and database administrators, continuously enhancing skills and fostering knowledge exchange throughout the project.

## SKILLS

---

### Android Development

- Kotlin and Java.
- Jetpack Compose, UI/UX principles, and Material Design Guidelines.
- Coroutines, RxJava, and Reactive Programming concepts.
- Android APIs, Retrofit, OkHttp, and Ktor.
- Firebase Integration and Google Maps.
- Dagger Hilt and Koin Dependency Injection.
- Working with multi-module codebases.
- Android Services and Notification Manager.

### Development Practices

- SOLID Design Principles
- Design Patterns
- MVVM, MVI, MVP, MVC
- Test Driven Development (TDD)
- Unit Testing, UI Testing
- GitHub, Version Control with Git

## EDUCATION

---

### Bachelor Degree in Computer Science

CHI (Cairo Higher Institute for Engineering and Computer Science)  
Cumulative GPA: 3.77 (Excellent) / Graduation Project: A+ (Excellent).

09/2019 – 06/2023

Cairo, Egypt

## CERTIFICATES

---

### Advanced Android Kotlin Development [↗](#)

Udacity nanodegree program

### Kotlin Development [↗](#)

The Chance 8 months training

## LANGUAGES

---

- English (Advanced)
- Arabic (Native)