

# AMR MUSTAFA AHMED

## FLUTTER DEVELOPER

### CONTACT INFO

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### ABOUT ME

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I graduated from the Faculty of Computer Science, Department of Software Engineering. I have Strong knowledge in the field of software engineering and mobile application development. Skilled in debugging and troubleshooting to improve app performance and deliver projects on time.

I am passionate about staying up to date with the latest trends and best practices in mobile app development.

### EDUCATION

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- Cairo University, Computer Science & Artificial intelligence, Software Engineering Department.  
GPA: 2.7 (Good) May 2020 – May 2024

### PROFESSIONAL EXPERIENCE

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- **Flutter mentor** - Route Academy Jul 2023 – Present

### SKILLS

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- Strong Knowledge in Flutter MVVM, Dart, Git & GitHub, Cubit state management, Firebase services (auth, hosting, fire store, cloud storage), integrate with APIs, Clean Architecture, CI/CD using (Test Flight, App Distribution) and Sentry Tool.
- Strong Knowledge in OOP, SOLID Principle, Problem Solving Skills, Algorithms and Data Structure.
- Strong Knowledge in Design Patterns: Factory, Abstract Factory, Builder, Singleton, Adapter, Decorator, Proxy, Commend, Observer, Strategy.
- Intermediate in Java, Linux Comments, SQL.
- Beginner in Java EE.

### **Alpha ERP (freelance) (private app)**

An ERP system created for a company in Italy to manage products within various warehouses across

#### **Features**

- **Multi-Warehouse Management:** Manage and track inventory across multiple warehouse locations.
- **User Role Management:** Assign different access levels to employees, such as admins, warehouse managers, and staff.
- **Barcode Scanning Integration:** Use barcode scanning for faster product identification and stock management.
- **Search and Filter:** Quickly find products or categories with powerful search and filter options

### **Dushka Burger (freelance) ([Goolge Play](#)) ([App Store](#))**

An e-commerce app designed for ordering delicious burgers and meals on the go. The app provides a smooth and intuitive interface to browse the full menu, customize orders, whether you are dining in or taking out, Dushka Burger ensures a seamless and efficient experience

#### **Features**

- **User Authentication:** Secure login and registration with support for guest checkout
- **Product Browsing:** Browse the full menu with detailed product descriptions, images, prices, and available variations.
- **Multilingual Support:** English and Arabic languages available for easy navigation.
- **Cart Management:** Add, edit, and remove products from the cart with real-time updates

### **Ever Greenia (side-project) ([Goolge Play](#)) ([App Store](#))**

A user-friendly mobile application designed to support plant enthusiasts by offering a seamless e-commerce experience for buying plants, gardening tools, and accessories. The app features a personalized chatbot assistant to enhance user engagement and provides real-time information on plants.

#### **Features**

- **Personalized Plant Recommendations:** Uses AI to suggest plants based on user preferences and local conditions.
- **3D Plant Models:** Offers immersive 3D models of plants, allowing users to visualize them in their space before purchase.
- **Chatbot Assistance:** Provides real-time plant care tips and helps users navigate the app's offerings.
- **Cart Management:** Add, edit, and remove products from the cart with real-time updates

## **E-Metro (Graduation project) ([Goolge Play](#))**

A comprehensive solution to address overcrowding in the Egyptian metro system by digitizing ticket purchasing and providing advanced navigation features. The app leverages NFC technology to offer a seamless experience for users, enabling them to pay for metro rides and access real-time metro information.

### **Features**

- **Contactless Payments:** Use NFC-enabled devices to load fares and pass through metro gates effortlessly.
- **Real-Time Metro Map:** Navigate the metro system with a detailed and interactive map
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- **Secure Payments:** Integrates with Paymob for secure, cashless transactions.