

Objective

A Junior student at Cairo University studying software engineering, with a particular focus on mobile development. gained practical experience in software development, including problem-solving, coding, and testing through hands-on projects. I am eager to expand my skills and apply them to real-world challenges. My goal is to become an experienced software engineer with a deep understanding of Mobile technologies and software engineering concepts.

Education

Cairo University –3rd year at faculty of Computers and Artificial Intelligence.

2020 – 2024

- Department: Information Systems.
- GPA: 3.3

Experience

IT-Mobile Member– IEEE, *Cairo University Student Branch*

11/2022 –6/2023

- Collaborate with the team to build the project of IEEE Mobile Application using flutter and provider state management.
- Work on tasks assigned by the Committee's head.
- Contribute to team meetings and discussions to provide feedback and suggestions for improvement.

Flutter Developer intern–AbuErdan, *Cairo, Egypt*

7/20223–Present

Skills

Technical Skills:

- **Programming Languages:**
 - Dart, Java, C++, Python.
- **Frameworks:**
 - Flutter.
- **Databases:**
 - Sqflite, Firebase, MySQL, SQL Server.
- **Software Engineering:**
 - SOLID principles, Design Patterns, Agile Mindset.
- **Mobile Development:**
 - State Management:
 - Bloc.
 - Cubit.
 - Provider.
 - APIs.
- **Web Development:**
 - Html, CSS, JavaScript.

Soft Skills:

- Communication
- Teamwork
- Time Management
- Problem-Solving
- Adaptability

Projects

- **IEEE APP (Flutter/Provider)**
 - Application for IEEE member and participants. You can quickly and easily identify which committee you belong to and what tasks you have to complete. You can also learn more about your community (IEEE) through the app's informative section. This app is designed to streamline communication and make it easier for you to stay on top of your commitments. Using your email and password, you can access the app from anywhere at any time.
- **TODO APP (Flutter/Bloc)**
 - Todo APP is a kind of app that is generally used to maintain our day-to-day tasks or list everything that we have to do, with the most important tasks at the top of the list, and the least important task at the bottom. It is helpful in planning our daily schedules. We can add more tasks at any time and delete a task that is completed or archive it if you want. If you want to postpone it.
- **BMI APP (Flutter)**
 - This app is designed to be user-friendly and accessible, making it easy for you to keep track of your BMI over time. With just a few taps, you can access your BMI and make informed decisions about your health.
- **Fawry System (Java/Spring Boot)**
 - Developed a replica of the Fawry payment system using Spring Boot, implementing REST APIs, design patterns, MVC architecture, and SOLID principles. The application enables users to pay for services through multiple providers, while the system administrator can manage discounts and refunds.
- **Garage Parking System (Java)**
 - Designed and developed a garage parking system using Java, where I applied SOLID principles and utilized the strategy design pattern to optimize the parking process.