

Ahmed Mohamed Farouk

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Summary

Motivated Computer Science student with expertise in mobile app development using Flutter & Dart. Skilled in state management (BLoC, Cubit), UI/UX design, RESTful APIs, and database integration (Firebase, SQL). Strong in problem-solving, agile development, and version control (Git/GitHub), with a passion for building innovative solutions in mobile technologies.

Education

Faculty of Computer Science, October 6 University, Giza, Egypt

2021 – 2025

Degree: Bachelor of computer science

Trainings and experience

DSC, Cairo University

April 2025 – till now

- Conducting Flutter training sessions and technical workshops.
- Mentoring students on mobile app development using Flutter.
- Supporting technical events and initiatives within the Flutter Committee.

DEPI, Giza, Egypt.

Oct 2024 – May

- Worked with **Flutter, Kotlin, and Java** to develop Android applications
- Implemented **state management techniques (BLoC, Cubit)** and integrated APIs

ITI, summer training **Egypt**

Sep 2024

- **Full Stack .NET** training

CIB, Cairo, Egypt

Aug 2024

- Summer Internship Program in **Digital Transformation and Data Literacy**.
- Learned about **banking technologies, cybersecurity, and financial data analysis**.

Zewail City, Cairo, Egypt

Aug 2023

- Online Training in Artificial **Intelligence and Machine Learning**.
- Gained hands-on experience with **Python, TensorFlow, and deep learning models**.

Projects

CareTrace – Healthcare Management App: Graduation Project | Digital Egypt Pioneers Initiative

Description: A mobile app that creates a secure medical profile for each patient, accessible to authorized doctors via national ID. The goal is to reduce misdiagnosis and improve medical history access, with future scalability for national healthcare systems.

Security App – Real-Time Violence Detection: Graduation Project | October 6 University

Description: Detects and monitors violent activities in real-time through a live camera feed. Sends instant alerts and supports categorizing incidents for better tracking and response.

[Github](#)

BooklyApp: **Description:** A book browsing app that allows users to search, view, and read free books, built with MVVM architecture and Bloc for state management.

[Github](#)

Chat App

Description: A real-time messaging app with text and image support, built using MVVM architecture, Firebase Realtime Database, and Provider for state management. [Github](#)

Weather App

Description: Displays real-time weather data with a **city search feature**, following the **MVVM architecture** for better code organization [Gethup](#)

Certificates and Courses

Mastering Flutter MVVM Architecture – Udemy (Tharwat Samy)	Jan 2025
Git & GitHub Complete Course – Udemy (Tharwat Samy)	Jan 2025
Explore Emerging Tech Course -IBM-SkillBuilders.	Jun 2024
Data Literacy Essentials- Issued by Sas	Aug 2024
Data Literacy in Practice - Issued by Sas	Aug 2024
Flutter & Dart Complete Development Course - Udemy (Tharwat Samy).	May 2023

Extracurricular Activities

- *Freelance AI Prompt Trainer on YANG, TOLOKA and UHRS websites.* 2023 – 2024

Skills

Technical Skills:

- **Programming Languages:** Dart, Java, C++, Python, C#, Kotlin, HTML, CSS
- **Mobile Development:** Flutter (State Management: BLoC, Cubit, Provider)
- **Web Development:** ASP.NET Core MVC
- **Databases:** SQL Server, Firebase, Hive
- **Concepts & Tools:** OOP, Data Structures, Algorithms, RESTful APIs, Git & GitHub, Postman

Tools & Frameworks:

- **Development Tools:** VS Code, Android Studio, Xcode, GitHub
- **State Management:** BLoC, Cubit, Provider
- **Backend & APIs:** Firebase, SQL Server, Hive
- **Version Control:** Git & GitHub
- **UI/UX:** Figma, Adobe XD

Nontechnical:

Leadership and Management, Teamwork and Collaboration, Adaptability and Flexibility, Problem-Solving.

Languages: English (Excellent)