

# Lamis Khaled Fouad

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github.com/EngLamisKhaled

## Summary

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Computer Science graduate (Class of 2025) with strong experience in Flutter and Cloud. Skilled in building cross-platform apps with Firebase integration. Graduation project: Smart plant healthcare system combining IoT, AI, and automation.

## Education

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**Bachelor's Degree in Computer Science** Oct 2021 – June 2025

- Faculty of computer science and artificial intelligence
- Pharos University, Alexandria

## Academic & Training Experience

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**Electricity Company in Moharram Bey, Alexandria** Aug 2024 – Sep 2024

- Ensured compliance with operational safety standards and technical regulations.

**Backend Developer Intern at RMZ Tech, Alexandria** June 2023 – Aug 2023

- Built RESTful APIs and managed Firestore & Realtime DB integrations.
- Designed automated dashboards and mobile features for internal tools.

**Information Technology Institute (ITI), Alexandria** June 2024 – Aug 2024

- Received training on Flutter mobile application development, covering Dart, UI design, APIs, and deployment.

## Technical Skills

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- **Programming Languages:** Python, C++ , Java, Dart, JavaScript, HTML, CSS, SQL
- **Soft Skill:**Teamwork,Problem Solving ,Leadership ,Time Management,Adaptability
- **Mobile & Cloud:** Flutter (Android/iOS),Cloud basics,Firebase Firestore, Firebase Realtime Database, MySQL (Basics), RESTful APIs (Basics)
- **Other Skills:** Data Science workflows, Testing (SQA), Responsive UI, Database design
- **Tools & Platforms:** Git & GitHub, Katalon Studio, Google Firebase Console, Android Studio, Visual Studio Code, Qt Creator

## Projects

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### Smart Plant Healthcare System (Graduation Project)

- IoT-driven plant healthcare solution using ESP32 sensors for humidity, light, and soil.
- Automated irrigation linked with Firebase and mobile app.
- AI-based image analysis to detect plant health and recommend actions.

### Fastudy

- Flutter app for students to upload & share study notes & Integrated Firebase + Google Sign-In. .

### PetCare App

- Flutter app for students to upload & share study notes (PDF).

### Reserva Booking

- Multi-transport booking app (bus, train, plane, car).
- Included authentication, confirmation screens, and database integration.

## Language

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Arabic , English