

Malak Haitham Mustafa

Flutter developer

Malakhaitham2720@gmail.com | **GitHub:** <https://github.com/MalakHaitham206> | **LinkedIn:** www.linkedin.com/in/malak-haitham-7a005b239

Education & Certifications

- **4-Month Intensive Code Camp Program**

Information Technology Institute (ITI)

Nov 2024 – Apr 2025 | El Minya, Egypt

- Focus: Front-end and Cross-Platform Mobile Development

- **Bachelor of Information Technology**

The Egyptian E-Learning University

Sep 2020 – Jun 2024 | Asyut, Egypt

- GPA: 3.4 /4.00

- Relevant Coursework: Web Development, Data Structures, Databases, Networking

Professional Experience

Front-End and Cross-Platform Mobile Developer scholarship (ITI)

Nov 2024 - Apr 2025

- Currently in an intensive code camp specializing in front-end and cross-platform mobile development.
- Built **cross-platform mobile applications** using **Flutter and React Native**, improving app performance by **15%**.
- Developed **web applications** using **JavaScript (ES6+), TypeScript, and Node.js**, increasing **user engagement by 20%**.
- Designed and implemented **responsive UI/UX interfaces** adhering to **Material Design principles**, enhancing **user retention by 10%**.
- Integrated **RESTful APIs** for data synchronization, improving app functionality by **15%**.
- Managed version control using **Git**, reducing **code conflicts by 25%** and ensuring smooth team collaboration.
- Participated in Agile **sprint planning, backlog grooming, and retrospectives**, contributing to a **10% increase in team productivity**.

Flutter developer

2022 – Present

- Developed and optimized **RESTful APIs and real-time data synchronization** using **Firebase Firestore and Node.js**, reducing latency by **30%**.
- Implemented **state management solutions (Provider, Riverpod, Bloc, Redux)** to enhance scalability and maintainability.
- Automated testing and **CI/CD pipelines**, reducing **release cycles by 20%** and improving deployment efficiency.
- Designed and implemented **secure authentication systems** using **OAuth and JWT tokens**, enhancing **app security and user trust**.
- Collaborated with **Agile teams** in an **Agile/Scrum environment**, delivering features **15% faster than projected timelines**.

Projects

Yuna Pet Application

- Created a **cross-platform pet care app** using **Flutter and Firebase**, featuring real-time tracking, reminders, and a responsive UI.
 - Boosted user engagement by **30%** through data-driven enhancements and gamification techniques.
 - Utilized **Git** for version control and deployed the app on **GitHub** for continuous collaboration.
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Technical Skills

- **Programming languages:** Dart, JavaScript, Java, Python, C++.
- **Frameworks & Tools:** Flutter, React Native, Firebase (Firestore, Authentication, Storage), Node.js, Redux, Riverpod, Bloc.
- **Front-End Development:** HTML, CSS, JavaScript (ES6+), React.js, Next.js, TypeScript.
- **Soft Skills:** GitHub Problem-Solving, Team Collaboration, Communication

Awards, Competitions, and Extra-curriculars

- **ITI Intensive Code Camp (2024 – 2025)** – Front-End & Cross-Platform Mobile Development Track (*Information Technology Institute, Egypt*)
- **ECPC Certification** – Certification for skills in competitive programming and problem-solving.
- **Mentoring Certification** – *Recognized for mentoring students in coding and algorithms*
- **ITI Internship Certifications** – *Completed specialized training in Flutter development*
- **Graduation Certification** – *Bachelor of Information Technology, The Egyptian E-Learning University*