Radwa Gharib Mohamed Taha

Date of Birth: 10 - 8 – 2002   **Phone:** 01149259883   **Address:** Cairo, Egypt

radwaagharib@gmail.com| www.linkedin.com/in/radwaa-gharib-5b732a245/

Objective:

I'm a fresh graduate in Communication and Computer Engineering from Benha University with a strong focus on mobile app development using Flutter. I build clean, scalable apps with real-time data, maps, and cloud integration. I also have hands-on experience in IoT and embedded systems, connecting mobile apps with hardware. I'm passionate about creating smart, user-focused solutions and constantly growing in the tech field.

Education:

Faculty of Engineering at Shoubra , Benha University | Cairo, Egypt   **(Jun 2025)**

Communication and Computer Engineering   GPA: 3.22 (Very Good)

Courses:

- Full Stack .NET Web Development Training Program at Digital Egypt Pioneers Initiative (DEPI)   Jun 2025 – Present

- IoT Integration with Mobile Apps Course Provided By Udemy   (Jan 2025)

- Maps & Location Services in Flutter Course Provided By Udemy   (Nov 2024)

- Flutter Development Fundamentals Course Provided By Udemy   (Jan 2024)

- Cisco Cyber Security Summer Training provided by the National Telecommunication Institute (NTI)   (Aug 2023)

- Huawei HCIA–Cloud Computing v5 Learning Course.   (Jul 2023)

- Mastering Embedded Systems Online Diploma at Learn-in-depth under supervision of engineer Keroles Shenouda. (May 2023)

Skills:

- Flutter & Dart	- State Management: BLoC, Cubit, Provider	- Firebase & Supabase Integration
- RESTful APIs	- Local storage: SQLite & Shared Preferences	- Google Maps & location tracking
- Embedded Systems	- Git & GitHub version control	- OOP & Data Structures
- Front-End Development	- Debugging & Troubleshooting	

Software Tools and Technologies:

- Android Studio	- Visual Studio Code	- Eclipse IDE	- Xcode
- Arduino IDE	- Proteus	- LabVIEW	- Code Composer Studio
- Git & GitHub	- Code Blocks IDE	- Cmder	- Advanced Design System (ADS)

Experiences:

- **Full Stack .NET Web Development Training Program at Digital Egypt Pioneers Initiative   (Present)**
  - Currently training on building modern web applications using ASP.NET Core, C#, SQL Server, and front-end frameworks.

- **Mobile App Development – Freelance & Academic Projects, and this work included the following:**
  - Built cross-platform mobile apps using Flutter for Android & iOS with Clean Architecture and real-time data integration via Firebase and Supabase.
  - Implemented advanced features such as BLoC/Cubit state management, REST API integration, offline storage, Google Maps, and ESP-based IoT communication.

- **Huawei HCIA-Cloud Computing v5 Course – Huawei ICT Academy   (Jul 2023)**
  - Gained foundational knowledge in cloud infrastructure, virtualization, and computing service models.

- **Cisco Cybersecurity Summer Training – NTI   (Aug 2023)**
  - Completed 120 hours of hands-on training in threat detection, network security principles, and data protection techniques.

Projects:

- **Healthcare Monitoring Systems for Drivers (Graduation Project):**
  A smart health and safety system that integrates wearable sensors and V2X communication to monitor drivers in real-time. It tracks vital signs (heart rate, oxygen level, respiratory rate, and blood pressure), detects drowsiness and fatigue using a Driver Monitoring System (DMS), and sends emergency alerts to nearby vehicles and services when necessary.
  The mobile application acts as the user interface for real-time health monitoring, alert management, and system control. It visualizes sensor data, provides navigation to nearby hospitals, sends automated SMS alerts during emergencies, and allows remote interaction with in-car subsystems including live video streaming.

- **Language Learning App**
  Interactive app for learning languages through quizzes and adaptive content. (Flutter, Firebase, BLoC)

- **News & Weather App**
  App for real-time news and weather updates with custom feed. (Flutter, REST APIs, Google Maps, Cubit)

- **E-Commerce App**
  App for browsing products, adding to cart, and secure checkout. (Flutter, Firebase, Provider)

- **Notes App**
  Simple app for creating, updating, and deleting offline notes. (Flutter, SQLite, Cubit)

- **Chat App**
  Real-time messaging app with chat rooms and notifications. (Flutter, Firebase Firestore, BLoC)

- **Tunes Player App**
  Music player app with shuffle, skip, and local storage features. (Flutter, Firebase, Audio)