AHMED HASSAN

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Skills _____

- OOP | RESTful APIs | Design Pattern | MVVM | MVC | Clean Architecture | Git | Solid Principles | Dart | Bloc Pattern | Python | C++
- Problem Solving | Flutter Development | CI/CD | UI/UX | State Management | Teaching and Instruction | Deployment
- Testing and Debugging | Firebase | SQL | Communication Skills | Data Structures | Agile development methodologies

Work History _____

Flutter Developer   **Iron Man**   **01/2024 – Present**

- Designed and developed responsive and user friendly UI/UX using Flutter widgets and Material Design guidelines.
- Implemented state management with BLoC for improved app performance and maintainability.
- Increased app functionality and enhanced user experience by seamlessly integrating Firebase services, including authentication and firebase cloud messaging, resulting in improved data management and well communication with the client.

IoT Developer   **Tamakon**   *Cairo*   **05/2018 - 05/2021**

- Delivered a fully functional smart home automation system within budget and on schedule.
- By using Firebase services, including authentication and real time database functionalities, resulting in improved data management and real time user interactions.
- Reduced energy consumption by 20% through integrating lights with our IoT hub.
- Gained valuable experience in sensor interfacing, data analysis and full-stack IoT development.

STEM Instructor   **Local Center**   **01/2019 - 03/2021**

- Helped many students to learn many fields like electronics, Robotics and the basic concepts of programing in earlier stage.
- Supported a lot of students to enter many competitions and get highest position in it.

Education _____

Bachelor of Computer science   **Faculty of Science**   *Egypt*   **09/2017 - 07/2023**

Projects _____

- Clothes Shop, Instagram, Flower Shop.
- Tamakon Home, Teacher Assistant Robot, Smart Power Meter.

Others_____

- Passed from Turing Flutter tech stack and problem solving coding challenge.