

## SUMMARY

Junior Frontend Developer with a solid foundation in modern frontend technologies including HTML, CSS, and JavaScript. Currently learning and applying Angular and TypeScript to build responsive, user-friendly web interfaces, with a strong focus on clean UI, usability, and continuous improvement of frontend development skills.

## SKILLS

### Technical Skills:

- Front-End Development: Angular, TypeScript, JavaScript (ES6+), HTML5, CSS3, Responsive Web Design.
- Programming Languages: JavaScript, C#, C++, Python, HTML, CSS, SQL.
- Database Management: MongoDB, MySQL.
- Frameworks & Libraries: Angular, Bootstrap.

### Soft Skills:

- Strong teamwork and collaboration skills.
- Effective problem-solving and attention to details.
- Effective communication skills.
- High willingness to learn and adapt to new technologies.

## EXPERIENCE

### IT Specialist | Alporasideya for Food Industries Co.

November 2025 - present

- Provide end-user technical support, troubleshooting hardware, software.
- Install, configure, and maintain software and operating systems.
- Monitor user accounts and permissions, supporting the implementation of access control and security policies.
- Assist in configuring and managing SOPHOS Firewall to ensure network security
- Create and manage user accounts (usernames and passwords) across company systems.
- Set up and manage company email accounts using Bluehost hosting services

## EDUCATION

### Computer and Control Engineering, Faculty of Engineering Port said University

2020 - 2025

Degree: Very good with honor.

Graduation Project: Optimizing Home Energy - Real-Time Monitoring and Analysis of Power Consumption Patterns Using Machine Learning (**Excellent**).

### Project Overview:

- Designed and implemented a real-time energy monitoring system using a single current sensor attached to the main power cable.
- Built and trained a deep learning model (Conv-LSTM) to detect the plug-in/plug-out events of different home appliances based on current variations.

- Developed a backend API with FastAPI to process incoming sensor data, apply machine learning predictions, and send real-time results to a Flutter-based mobile app.
- Integrated WebSocket communication, MongoDB, and Azure Container Instances for scalable and cost-effective deployment.
- Achieved high detection accuracy while significantly reducing hardware cost, offering an affordable alternative to traditional energy monitoring systems.
- Supported by ITAC (Information Technology Academia Collaboration) with funding and technical resources.

#### My Role & Responsibilities:

- Developed backend REST APIs using FastAPI.
- Contributed to real-time data processing and WebSocket-based communication.
- Provided support in managing MongoDB database interactions.
- Ensured reliable data flow between sensors, backend, and client applications.

## COURSES

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- **.Net Web Development** **July 2023 - August 2023**  
Information Technology Institute (ITI), Ismailia (Summer Training)
- **Frontend Web Development** **July 2024 - August 2024**  
Information Technology Institute (ITI), Port-Said (Summer Training)
- **Artificial Intelligence** **July 2024 - August 2024**  
Information Technology Institute (ITI), Port-Said (Summer Training)

## LANGUAGES

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- **Arabic:** Native
- **English:** Intermediate level