

# OMAR KHALED MOHAMED SOBAIH

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## PROFESSIONAL SUMMARY

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*Recent graduate with foundational knowledge in Back-End Development and Artificial Intelligence, and hands-on-experience gained through academic projects and internships, Demonstrates strong skills, Prepared to start career and make meaningful contributions with commitment and drive.*

## EDUCATION

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**B.Sc.:** Computer Science & Information Technology | 2025

**The Egyptian E-Learning University**

## SKILLS

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- **Backend / APIs:** Python, Flask, REST APIs, JWT, HTTP
- **Databases / ORM:** MySQL, SQL, Schema Design
- **AI / Machine Learning:** TensorFlow, Hugging Face Transformers, NLP, Deep Learning
- **Languages:** Python, Java, C, HTML, CSS, JavaScript
- **Development Practices:** OOP, Design Patterns, Agile/Scrum, Git, GitHub, VS Code
- **Soft Skills:** Teamwork and collaboration, Problem-solving, Attention to detail, Excellent communication

## RELEVANT PROJECT EXPERIENCE

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- **Language Learning Web & Mobile Application - Python (Flask), Flutter, MySQL, REST APIs,** Designed and deployed scalable backend services and robust RESTful APIs to support web and mobile clients, Engineered core user management, lesson administration, and progress tracking modules, demonstrating problem-solving in complex application logic.
- **Task Manager API - Python, Flask, MySQL, JWT,** Developed a high-performance RESTful API with full CRUD, pagination, filtering, and search capabilities, Secured all endpoints using JWT-based authentication, Optimized data persistence and retrieval efficiency by implementing a normalized MySQL database schema.
- **AI Chatbot Assistant - Python, TensorFlow, Transformers,** Created an end-to-end NLP pipeline for intent recognition, entity extraction and relevant response generation, Trained and validated Deep Learning models using TensorFlow and Hugging Face Transformers.

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## CERTIFICATIONS

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- **CCNA v7:** Introduction to Networks
- **CCNA v7:** Switching, Routing, and Wireless Connections
- **Microsoft SC-900** (Security, Compliance, and Identity Fundamentals)

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## LANGUAGES

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- **Arabic:** Native
- **English:** Professional Working