

Omar Ramy

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Education

Arish University

Student at faculty of computers and information

September 2022 – July 2026

arish, north sinai

Relevant Coursework

- | | | | |
|---------------------|-------------------------|------------------------|--------------------------------|
| - Data Structures | - Algorithms | - Software Engineering | - OOP |
| - Computer Networks | - Programming Languages | - Database | - Web Development Technologies |

TRAINING

Cyber Security (2022)

Duration: Started in 2022, completed in one month.

Overview: A comprehensive certification covering the fundamentals of cybersecurity, focusing on protecting systems and networks from digital threats.

Skills Acquired:

Identifying and analyzing security vulnerabilities.

Understanding encryption techniques and firewalls.

Knowledge of cyberattack prevention strategies (e.g., DDoS, malware).

Web Design (September 2023)

During my learning journey in web development, I focused on using HTML, CSS, and JavaScript to build interactive and user friendly web interfaces. I utilized HTML to structure content in a well-organized manner, and developed my skills in styling and layout with CSS, allowing me to create responsive designs that work seamlessly across all devices. Additionally, I used JavaScript to add interactivity and dynamic features to websites, significantly enhancing the user experience.

- Backend Development Training

MagCamp | December 2024 - March 2025 (2 Months)

Technical Skills Acquired:

- Node.js & Express.js server development
- MongoDB database management
- RESTful API design and implementation
- Docker containerization
- Advanced JavaScript programming

Projects

2024

- Developed a responsive portfolio website, integrating SQL Server for dynamic content management and optimizing performance and security.
- Showcased skills and projects with user-friendly navigation across devices.

Todo App API / Node.js, Express.js, MongoDB

2025

- Developed a RESTful API for task management with full CRUD operations
- Implemented MongoDB database integration for data persistence
- Built secure endpoints for creating, reading, updating, and deleting tasks
- [REPO : <https://github.com/omarramy11/TODO-APP>]

Weather Service API

2025

- Developed a RESTful API for retrieving weather data using OpenWeatherMap integration
- Implemented MongoDB database for storing and managing weather-related data
- Built secure endpoints for fetching current weather, forecasts, and historical data
- [REPO: https://github.com/omarramy11/WEATHER_SERVICE-API]

Autho Management API

2025

- Developed a RESTful API for user authentication and authorization management
- Implemented MongoDB database integration for secure user data storage
- Built secure endpoints for user registration, login, role management, and token-based authentication
- [REPO: <https://github.com/omarramy11/Autho-management>]

TECHNICAL SKILLS

Programming Languages: Python, PHP, C++

Frontend Technologies: HTML5, CSS3, JavaScript

Backend Technologies: Node.js, Express.js, RESTful API

Databases: MongoDB, MySQL

Tools & Platforms: Git/GitHub, Docker, Linux, VS Code

Frameworks: Laravel

