

Mariam Fathi

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PROFILE

A motivated and detail-oriented software developer with over one year of experience in backend development. Proficient in Node.js, JavaScript, and database systems such as MongoDB and MySQL, with a focus on building scalable and efficient web applications. Skilled in designing and implementing RESTful APIs and maintaining clean, high-quality code. Committed to continuous learning and professional growth, eager to apply my expertise within a collaborative team environment to deliver innovative and impactful solutions.

EDUCATION

Computer and Artificial Intelligence , Helwan University Oct 2021 – present
Majoring in Computer Science with a strong focus on core computational principles and software development. GPA: 3.16. Cairo, Egypt

SKILLS

Programming Languages

JavaScript (JS), Java ,C/C++, PHP, HTML, CSS

Databases

MongoDB, MySQL , SQL Server

Frameworks

Node.js

Tools / Platforms

Visual Studio Code, Postman, Git&GitHub

APIs & Services

RESTful APIs, Cloudinary

Unity

2d / 3d game development.

COURSES

Vulnerability Analyst / Penetration Tester - Hybrid Training Program, DEPI Oct 2024 – present
Cairo, Egypt

- Engaged in a comprehensive training program focused on cybersecurity principles and practical applications.
- Acquired hands-on experience in network scanning using Nmap and other advanced tools for vulnerability detection.
- Developed expertise in identifying and analyzing system vulnerabilities and implementing remediation strategies.

Cybersecurity Trainee, WE, Telecom Egypt Aug 2024 – Sep 2024
Cairo, Egypt

- Completed 5 weeks of Cyber Security Summer Training, covering Network Fundamentals, OS basics, and Introduction to Cybersecurity with 100% of practice.
- Gained knowledge in Brand Protection and SOC Analyst roles, focusing on threat detection and response
 - Acquired practical skills in Penetration Testing and vulnerability assessments.

MEAN Stack Trainee, NTI Jul 2024 – Sep 2024
Cairo, Egypt

- Completed 120 Hours Of Mean Stack Web Development And Soft Skills with 100% of it
- 80 Hours Training In Mean Stack Development, Mastering Technologies Like Node.js, Express.js, Mongodb, And Angular .
 - Achieved an 85% score in the MEAN Stack project, demonstrating a strong understanding of backend and frontend technologies.
 - 40 Hours Soft Skills Training, Focusing On Enhancing My Communication And Teamwork Abilities with 100% of practicing .

CERTIFICATES

- [Mean-Stack Web Development- NTI](#) 
- [Web Development Certificated - Egypt fwd](#) 
- [Cyber Security Summer Training Certificate- WE, Telecom Egypt](#) 
- [financial literacy sessions certificated- E-Bank](#) 

PROJECTS

OWASP Juice Shop Security [Testing | Cybersecurity](#)

- Performed security testing on OWASP Juice Shop using tools like Burp Suite and OWASP ZAP.
- Identified and documented vulnerabilities such as **SQLi**, **XSS**, **CSRF**, and **IDOR**, enhancing practical knowledge of the **OWASP Top 10**

MY_PERSONAL_PORTFOLIO, [TypeScript](#), [CSS](#), [HTML](#), [JavaScript](#)

- This Is A Personal Portfolio Project Created With The MEAN Stack (Mongodb, Express Js, Angular, Node Js).
- The Portfolio Presents Your Projects And Talents, With A Dashboard For Managing Material And Performing CRUD Operations.

Multi-Threaded Document Processor, [Java](#)

- A Java-based application that uses multi-threading to process and analyze large text documents efficiently.
- Features include word count, top word frequency analysis, and a user-friendly GUI with real-time results.

E_commerce, [JavaScript \(JS\)](#)

- Developed a comprehensive e-commerce platform with a robust modular architecture, integrating advanced features like authentication, authorization, and validation through reusable middleware for seamless scalability and security.
- Designed and implemented efficient models and controllers for core entities including brands, categories, products, and coupons, ensuring optimized database operations with MongoDB.
- Enhanced platform functionality with utility tools such as async handlers, cloud file management, and automated email services, delivering a streamlined and user-friendly experience.

WORK EXPERIENCE

Coordinator | Elmentor (Demi Project)

Aug 2024 – present
Cairo, Egypt

- Successfully Managed Educational Programs By Managing Schedules, Resources, And Team Communication To Guarantee Smooth Operations.
- Arranged Seminars And Activities, Working With Teachers And Students To Make Sure All The Details Were Taken Care Of And Supervised The Prompt Delivery Of Instructional Materials And Supported Effective Lines Of Communication Between Participants And Instructors.

LANGUAGES

Arabic: native

English: B1