Omar Ayman Gaber

PHP Laravel Full-Stack Engineer

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Codeforces

Education

Fayoum University

Oct 2022 - Jul 2026

Bachelor in Computer Science

• GPA: 3.29/4

Professional Experience

Aspire Institute 2

Aug 2024 – Nov 2024 Internship, Remotely

Aspire Leaders Program Intern

- **Aspire Institute** ☑ provides a worldwide leadership program in partnership with **Harvard Business School** ☑ professors.
- Supervised by 2 Harvard Business School ☑ professors :
 - Karim Lakhani 🛮 | Tarun Khanna 🗗
- Skills Gained: Leadership | Communication | Self awareness | Self-confidence

Digital Egypt Pioneers Initiative - DEPI 2

Jun 2024 – Dec 2024 Internship, Hybrid

PHP Laravel Full-Stack Developer Intern

- Contributions:
 - Created engaging and responsive user interfaces using the mastery of **HTML**, **CSS**, and **JavaScript**.
 - Integrated robust back-end systems with PHP, Laravel, and MySQL following MVC architecture.
- Key Projects:
 - Developed and launched a fully operational quizzes platform as a graduation project using **Laravel MVC** (Quizzes Light ☑).
- Skills Gained: HTML | CSS | JavaScript | SQL | MySQL | PHP | Laravel | Git | GitHub

Skills

Programming Languages: C++ | Python

Technical Skills: OOP | Problem-Solving | Competitive Programming

Front-End: HTML | CSS | JavaScript

Back-End: PHP | Laravel

DataBase: MySQL

Tools/Technologies: Git | GitHub

Soft Skills: Communication | Collaboration | Self-Motivated | Self-Learner | Eager to learn

Others: Fast typing (28 WPM) | Searching

Projects

Quizzes Light ☑ Oct 2024 – Nov 2024

DEPI Graduation Project

- Project Description:
 - Built with Laravel MVC, utilizing PHP, phpMyAdmin, Blade, CSS, and JavaScript for a full-stack, responsive quiz application.

- Allows admins to view detailed student performance metrics, helping to assess learning outcomes.
- Implemented robust security protocols to protect user data and maintain quiz integrity.
- Allows administrators to create, update, and delete quizzes as required effortlessly.
- Provides immediate scoring and feedback for users to foster a continuous learning environment.

• Role in Quizzes Light:

- Programmed secure authentication and authorization, establishing clear role separation between admin and user.
- Designed and implemented CRUD operations within the admin dashboard for efficient management.
- Enabled detailed viewing of student results, improving tracking and analysis of performance.
- Engineered quiz logic to streamline quiz-taking and scoring, ensuring users receive instant feedback on results.

Volunteering Experience

VEP - Volunteers Empowerment Program 2

Aug 2023 – Sep 2023

Information Security fundamentals track member

- Reviewed the fundamentals of Information Security, covering key concepts like the CIA triad (Confidentiality, Integrity, Availability) and their application in securing systems.
- Addressing cybersecurity awareness by identifying and mitigating threats such as hacking, phishing, and scamming, reducing personal vulnerability to online scams by 50% through applied techniques.
- Engaged in **5+ Capture The Flag (CTF)** challenges, solving practical security problems and improving ethical hacking skills.

IEEE Fayoum Student Branch

Nov 2022 - Aug 2023

Problem-Solving team member

- Taught and learned algorithms such as binary search and static range queries to 10 team members, to enhance problem-solving skills.
- Participated in **weekly programming contests** to apply learned algorithms and improve algorithmic thinking in competitive settings.
- **Delivered talks** to over **10+ newcomers**, emphasizing the importance of problemsolving in software development, which encouraged **5+ new participants** to join and engage in contests actively.
- **Collaborated** on solving **50+ problems**, fostering a supportive learning environment that enhanced the team's collective algorithmic understanding.

Honors & Awards

2nd Place Award – Quizzes Light, PHP Laravel Graduation Project, DEPI

MCIT, DEPI, EYouth

ECPC Qualifications 2024 ☑ Jul 2024

• Ranked **138th** at ECPC Qualifications 2024.

ECPC Qualifications 2023 ☑ Aug 2023

• Ranked 101st at ECPC Qualifications 2023.

Best member of Analytical Thinking team of the year 2023

Apr 2023

Dec 2024

IEEE Fayoum Student Branch, Analytical Thinking team

Languages

Arabic: Mother tongue

English: A2.3