

# Omar Aglan

## Full-Stack Developer

Cairo, Egypt

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[LinkedIn](#)

[GitHub](#)

[Portfolio](#)

## SUMMARY

A High-Level Experience in Front-end Development, Back-end Development, Game Development, and UI/UX. Implemented Several Designs and UI on Websites and Game Interfaces. Made Several Restful and CRUD APIs from Scratch. Multi-genre Game Programming and Designing on Unity Engine. A Junior Experience in Game Graphics Programming in C++ Using APIs like OpenGL and DirectX. Junior Experience in Low-Level Programming, Adept at Problem-Solving and Effective Decision-Making, with Good experience in the MERN and MEEN Stack.

## EDUCATION

2024 – 2025

### PROFESSIONAL Software Engineering Diploma

ALX-Africa, FULLY ONLINE.

- **Projects:**
  - **ALX ToDo App:** React.js, React Router, Material-UI, React Hot Toast, Emotion.
  - **Baltem Guide:** React Native, Node.js, Express.js, MongoDB.
  - **X Clone:** React.js, Next.js, and Tailwind CSS, MongoDB.
  - **Currency Snap:** HTML, CSS, JavaScript, React.js, GitHub Actions.
  - **Budget App:** HTML, CSS, JavaScript, jQuery, Bootstrap.
  - **Tracking App:** Node.js, Vue.js, Express.js, and SPA.
  - **Simple Video Player:** HTML, CSS, CSS Tailwind, JavaScript.

2018 – 2022

### BACHELOR OF Management Information Systems

Higher Institute of Management Information Systems. Kafr-Elsheikh.

- **Projects:**
  - **Sakeny:** HTML, CSS, JavaScript, PHP, My SQL.
  - **Just another Snake Game 3D:** Unity, C#, Game Programming Patterns.

# TECHNICAL SKILL

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- Frameworks and Technologies and Languages:

- HTML/CSS
- JavaScript/Typescript
- React.js with Redux
- Next.js
- Express.js
- Vue.js
- Node.js
- Unity Game Engine
- DirectX and OpenGL
- Git and GitHub
- React Native
- Three.js
- MongoDB
- Bootstrap
- Tailwind CSS
- Three.js
- CRUD API
- C/C++/C#
- Game Programing

# SOFT SKILL

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- Fast Learning.
- Time management.
- Teamwork.
- Communication Skills

# Side Projects and Volunteering

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2018 – Present

Wikipedia Editor

Online.

2023 – Present

Developer of B (باء) Programming Language

Online

2022 – Present

Developer of Pyramid Game Engine

Online

# LANGUAGE

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- Arabic: Native
- English: Professional
- Japanese: Starter
- Spanish: Starter