

FADY EMAD ANWER

Full Stack Developer

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PROFILE

Motivated and diligent software engineer with a strong foundation in C++, JavaScript, Python, and OOP. I design scalable systems and apply proven design patterns across PHP, Node.js, Laravel, MySQL, PostgreSQL, and Angular. I've built and tested real-world, large-scale platforms—backed by hands-on experience through the ICPC internship—where I sharpened my problem-solving skills and code quality standards.

I've expanded into tech education as an Instructor Laravel & Python basics for learners aged 13–19, creating practical, project-based lessons that focus on clean code, APIs, debugging, and testing fundamentals.

I'm also working on a full-stack AI integration project:

Frontend: React (JSX) user-side

Backend: Node.js server-side

AI Models: GPT-4o, Gemini, and OpenAI models via OpenRouter (multi-model access in one pipeline)

Web Data: ScrapingBee for compliant web scraping and enrichment

Prompting: "Intelligent prompts" & guardrails for reliability

Vision: Using LLMs to analyze architectural design images and extract structured insights

EDUCATION

Assuit University

2019 – 2023

Bachelor's degree-computerscience

GPA 3.03 / 4.0

Salam Prep Secondary School

2006 – 2019

EXPERIENCE

Petra Software Ind.

Jun 2024 – present

BackEnd Developer

INTERNSHIP

ITI & Petra Software Ind.

April 2024 - Aug 2024

FullStack Web developer
(5 Months)

Banque Misr

jun 2023 - sep 2023

Frontend Web developer
Cairo, Egypt

ICPC Assiut University

jul 2020 - oct 2020

community . Internship

PROJECTS

AI integration project

E-learning platform (المعهد القبطي للدراسات النفسية)

School systems , Clinics Management System

ERP Systems : Mobile Recharge Portal (Orange Network); Military Association Portal

E-commerce Platforms; Institutional Workflow Management Systems

AI-based Chatbot Delivery Portal for Restaurants

Real-Time Sales (WebSockets & broadcasting)

Testing & QA

Designed and executed test cases from specs; manual UX flows

Validated RESTful APIs (Postman); tested MySQL/PostgreSQL stored procedures

Token-based auth checks; end-to-end scenarios (normal & edge cases)

Functional, performance, and security verification pre-deployment

Tech Highlights

Languages / FE: C++, JavaScript (ES6+), TypeScript (basic), Python, React (JSX), Angular

BE/DB: Node.js, PHP, Laravel, MySQL, PostgreSQL

AI/Tools: OpenRouter, OpenAI, GPT-4o, Gemini, ScrapingBee, Postman, WebSockets, JWT/OAuth

Practices: OOP, design patterns, API design, E2E testing, code reviews, CI-ready workflows

PROFESSIONAL SKILL

- PHP
- Laravel
- Node JS
- Python
- MySQL
- PostgresQl
- Angular
- JavaScript
- TypeScript
- Jenkins
- Api Restful

LANGUAGES

- Arabic (Fluent)
- English (Basics)