






Mohamed Magdy

+5
Years
of Experience

Senior Backend Developer

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BIO

Birth Date
27 Oct. 1997

Location
6th of October, Giza , Egypt

Nationality
Egyptian

Military service
Completed

ABOUT ME

- 5+ years of experience with all aspects of web development including PHP, MySQL, RESTful APIs, ES6 , Vue JS.
- Good understanding of browser rendering behavior and performance
- CSS compiler knowledge (Sass).
- Practical experience with Object-Oriented PHP .
- Familiar with data structures and algorithms.
- Good understanding of SOLID Principles & DRY Principles & Clean Code .
- Demonstrable experience writing, and debugging, queries in MySQL.
- Cloud experience.
- Creating database schemas that represent and support business processes.
- Experience with MVC framework (Laravel).
- Knowledge about Redis cache .
- Experience with source control system (GIT).
- Good Knowledge of Software Design Patterns and Software Architectural Patterns.
- Works with Modules Architectural (Models , Requests , Services , Repositories , DTOs , Mappers , Events , Listeners ...etc) .
- Solid Experience developing and improving REST APIs.
- Experience integrating with third-party APIs.
- Familiarity with cloud message APIs and push notifications.
- Understanding of Test-Driven Development TDD.
- Understanding of CI/CD.
- Understanding non-functional requirements.
- Ability to understand business requirements and translate them into technical requirements.
- Ability to work within a self-organized, cross-functional team.
- Work experience with Agile / SCRUM environment.
- Ability to multi-task, organize, and prioritize work.
- Ability to constantly learn and adapt to new challenges.
- Strong communication and time management skills.

EDUCATION

Bachelor of Management Information System

Faculty Of Computer & Information Sciences - El Shorouk Academy

Graduated In 2020

LANGUAGES

- **Arabic** Mother tongue
- **English** Professional working proficiency

CAREER TIMELINE

2021 ● Backend Developer (Fulltime / Remotely)
To 2022

Qafeer SaaS

Software base agency
Located in Germany

Summary

- Refactoring
- Build Backend Services
- Build Restful APIs

2020 ● System Administrator & Database Manager
To 2021

VIP Close Protection (Military Service)

A police department to protect ministers,
ambassadors, important & sensitive personalities

2018 ● Backend Developer (Part-time / Remotely)
To 2019

DigitalRaves Co.

Advertising Agency (affiliate marketing)
Located in Nigeria

Summary

- Design LP .
- Develop Affiliates marketing system .

2016 ● Fullstack Developer (Fulltime / On-site)
To 2020

Egyconnect Co.

Digital Marketing Agency
Located in Egypt

Summary

- Design front-end Web Pages .
- Develop Content management systems (CMS) .
- Develop Customer relationship management systems (CRM) .

**Free-
Lance** ●

Fullstack Web Developer Customized Projects

Summary

- Develop Content management systems (CMS) .
- Develop Customer relationship management systems (CRM) .
- Develop Point of sale software (POS) .
- Develop Enterprise resource planning software (ERP) .
- Build Software as a service (SAAS) .

SKILLS

● Development

- HTML
- CSS
- Sass
- Bootstrap
- Vanilla Javascript (ES6)
- JQuery
- VueJs
- Native PHP
- OOP
- Node Js

● Frameworks

- Laravel
- Express.js

● Database

- mySql
- MariaDB

● Caching

- Redis

● Other

- Planning & Design
- Searching & Surveying
- Report writing
- Project management
- Selling
- Presenter
- Instructor

● Coding Style

- Clean code
- SOLID Principles
- DRY Principles
- YAGNI Principles
- PSR Coding Style
- Architectural Patterns (ex: MVC , Microservices , Event-Driven , ..)
- Design Patterns (ex: Singleton, Observer, Decorator, Repository, Strategy,..)

● Methodologies

- Waterfall
- Agile / Scrum

● DevOps

- Version control (Git)
- CI/CD

● Operating system

- Linux (CentOS, Ubuntu)

Top Books

• Clean Code

Robert C. Martin

• Advanced Web Application Architecture

Matthias Noback

• Designing Data-Intensive Applications

Martin Kleppmann

PROJECTS TYPES

CMS

Content Management System

CRM

Customer Relationship Management

ERP

Enterprise Resource Planning

SaaS

Software As A Service

PROJECTS I'M PROUD OF

● Tielearn Academy

What is Tielearn ?

- Academy connects Teachers with Students globally. Teachers crate high quality course and present them in super easy way.

What was my role in this project?

- **Refactoring** legacy code
- Fix Issues
- Build new features
- Build APIs
- Integrate Payments gateway

● QpExpress

What is QpExpress ?

- market leading express delivery and logistics services to the Middle East and other emerging economies. As a leading global provider of comprehensive logistics and transportation solutions, our breadth of services include express courier delivery, freight forwarding, logistics, supply chain management, e-commerce .

What was my role in this project?

- Build ERP system **from scratch** to manage company business.
- Build Backend for app that used by delegates in company
- Build Backend for app that used by company's clients
- Integrate Payments gateway
- Integration with Egyptian taxes eInvoicing platform

● EdNuva

What is Ednuva ?

- an learning management system with innovative technological solutions for the education field in Egypt. endeavor to help students find the best instructor to make their dreams come true. believe every student learns differently, so we provide the tools and remove any obstacles in their way.
- Views : Super Admin Dashboard / Instructor Dashboard / Students View / Student Dashboard / Student's Parents Dashboard / Payment Stations Dashboard

What was my role in this project?

- Build the whole Platform **from scratch** .
- Backend for app that used by students parents .
- Backend for app that used by students .
- Integrate Payments gateway

● E-Invoice Platform

What is E-Invoice Platform ?


- Platform that help any companies to manage their items , GPC codes , invoices and receipts with integration with Egyptian eInvoicing & eReceipt System.


What was my role in this project?


- Build the whole Platform **from scratch** .
- Integrate Payments gateway
- Integration with Egyptian taxes eInvoicing platform


Thanks for your time

I have a lot of projects uploaded as GitHub repositories , through which you can see how I code and the stages of improvement of my code level from old projects to the latest projects and the speed of this improvements , but all of them are private repositories , so if you interested to review my code feel free to contact me and ask for a temporary access..

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