Abdalrahman Mohamed

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Summary

I'm a fullstack developer **(back-end heavy)**. I learn programming, computer science, and IT since 2016 which gave me a good experience about computer science major and made me teaching programming in high school and university. I am addicted to learning about everything specially when it's about technologies. I worked as a software developer in many projects and got some experience in software engineering from courses and working. I'm a self-learner who can learn the skills that will develop me and the environment around me.

Experience

Software developer

OnTime for general contracting • Alexandria
10/2021 - 11/2022

- Developing a full stack software for company's projects some of them was in Alexandria university and other in different hospitals.
- Testing old software for bugs and develop it.
- Manage the IT team for the company and company's projects.

Stack: Python, Django, REST API, HTML, CSS, JavaScript.

Education

B.S. Computer Science

University of the People, (Online study) • California
05/2023

- Done 105 credit over 120 credit with 3.8+ GPA
- Done all major courses and now finishing the electives courses
- President's list all terms in university
- Expected to graduate in March 2023

Skills

Problem solving, Algorithm analysis, Data structure, Team work

Language & Framework

HTML, CSS(TailwindCSS, BootStrap), JavaScript (Vue, React, Next), TypeScript, Python (Django, Flask), PHP (Laravel), NodeJS (Express), C++, Java, SQL (PostgreSQL, MySQL), NoSQL (Redis, MongoDB)

Tools & Softwares

Git (Github, GitLab), CI/CD, Docker, Azure, REST APIs(GraphQL), Unix/Linux, Agile (Scrum), MVC pattern

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Contact

- [Portfolio: abdoo.live](abdoo.live)
- [Linkedin: abdalrahman-hossam](#)
- [GitHub: abdoohossamm](#)

- [Youtube: CodeMorning](#)
- [LeetCode: abdoohossamm](#)

Projects

Smart Gates Alexandria University.

Software developer and IT support

- Working in IT team to build the servers, and developing team to create software.
- This project is made for Alexandria university to control the gates and count the students inside the campus for later analysis by developing 2 different software calling connecting with each other as services.
- The first software create and manage the students cards and print it and contact with other services to get and send data between them. Also it shows the analytics that was made by other software through an API.
- The second software is the gate handler this software is running on 6 different gates for the campus that is running on 5 different monitor one for each NFC card reader the monitor shows the student's status when he enter the campus by waving his card to the card reader on the gate.
- **Stack: Django, Django Rest API, Microservices, Selenium, System Administration, IT support**

Dar Al-ahisan

Software developer

- I worked alone in this project as a freelancer to develop a web application that works locally for a learning center called Dar Al-ahisan.
- The application manages the students, lessons, teachers, and employees.
- The application manages the students lessons, the teacher who will teach the lesson, and number of employees will be there at this time.
- Handling the student payment by the lesson they study per month.
- **Stack: Django, Django templates, Vanilla JavaScript, Bootstrap, PostgreSQL**

Tri Force UAE

PHP developer

- This application is an example for 1 day application as the client wanted it in 1 day.
- The web application was developer for a company for for general contracting in UAE.
- WordPress was used in this application for a fast build and developing.
- **Stack: PHP, WordPress**

My Portfolio

Project owner

- This app shows my portfolio for projects I did, my experience, everything up to date about me.
- **Stack: React.js, Next.js, Tailwind CSS**

Ecommerce

Self-development

- Ecommerce website made using django and vueJS running on docker containers and each application run as an independent service.
- **Stack: VueJS, Django, Django REST API, PostgreSQL, Redis, Docker, Paypal API**

ChatYou

Self-development
- Basic Real-time Chat App that allow one user with high permission can create a room and talk to other joined the room. or can have 1 to 1 chat with their friends.
- **Stack: Django, Django REST API, Web Sockets, Bootstrap, Redis.**

Certificates

[Advanced Django: Mastering Django and Django Rest Framework (4 courses)](#)

- Advanced Django: Building a Blog
- Advanced Django: Introduction to Django Rest Framework
- Advanced Django: Advanced Django Rest Framework
- Advanced Django: External APIs and Task Queuing

[Django for Everybody Specialization (4 courses)](#)

- Web Application Technologies and Django
- Building Web Applications in Django
- Django Features and Libraries
- Using JavaScript, JQuery, and JSON in Django

[Google IT Support Professional Certificate (5 courses)](#)

- The Bits and Bytes of Computer Networking
- System Administration and IT Infrastructure Services
- Technical Support Fundamentals
- Operating Systems and You: Becoming a Power User
- IT Security

[Python for Everybody Specialization (5 courses)](#)

- Python Data Structures
- Capstone: Retrieving, Processing, and Visualizing Data with Python
- Using Databases with Python
- Using Python to Access Web Data
- Programming for Everybody

[Data Structure and Algorithms Analysis](#)