

Mohamed Saeed Omara

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EDUCATION Faculty Of Electronic Engineering Menoufia University (Sep 2018- May 2023)

Major Computer Science & Engineering | **Grade:** Excellent 86%

EXP **Sprints : DevOps intern (3 months)**

- Hosting a **MEAN Web app** and **Django app** on AWS EC2 (Jenkins pipeline , Docker) and mentoring pipeline using **Slack**

FWD : Frontend Web Development NanoDegree Program

- Learning JavaScript DOM and Async Js and built two web app
- **Landing Page** : A real-world scenarios of manipulating the DOM
- **weather app** : Asynchronous web app that uses Web API and user data to dynamically update the UI for a Weather-Journal App.

COURSES

=> Data Structures and Algorithms	=> OOP programing with java
=> CS50 introduction to programing	=> CS50 Web Programing with Python and Javascript
=> AWS Solution Architect Associate Course	
=> Introduction to Vue3 (Frontend Masters)	
=> building applications with Vue & Nuxt (Frontend Masters)	

Skills	Languages => C++, Python, JavaScript	Database => Relational & Non-relational
	Backend => Flask ,Django ,NodeJs	Frontend => Vue.js , JavaScript ,Html ,CSS
	Cloud Services => AWS	Dev.tools => Git
	CI/CD tools: => Jenkins	Containerization => Docker
	OS => Linux OS	

Projects

Wikipedia : web application using **django** framework that we can search for subjects ,add ,edit ,remove information from subject page and creating new subject (**CS50**) .

Finance : implement a website via which users can “quote”, “buy” and “sell” stocks store the operation in history using **Flask** framework using an economic website API (**CS50**) .

Mail : A single page application for sending and receiving Mails using **Django backend API** and **JavaScript** for Frontend (**CS50**).

Graph Visualizer : uses **JavaScript** to create graph nodes (SVG) and visually present traversal algorithms like DFS ,BFS and A* on the graph , deployed on github page (**Project-Demo**)

NuxtFoodApp : implemented using **Nuxt.js** and **Vuex** to implement responsive Ui with Night-Mode theme , deployed on **Netlify (Food App)** .