

EMMANUEL OMOLE

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EDUCATION AND TRAINING

Bachelor of Computer Science, Babcock University	2018 - 2022
Relevant Coursework: Data Structures and Algorithms, Database Design and Management, Artificial Intelligence and Applications, Object-Oriented Design, Mathematics and Software Development Life Cycle.	
Coursera - Introduction to Cloud Computing	July 2022
Coursera - Machine Learning Specialization	September 2022

PROJECTS

Food Delivery App REST API. Swagger Documentation	GitHub
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- Implemented various user types like customers, riders, vendors and vendor employees.
- Implemented features for vendors to have menu categories, main dishes, varieties of toppings/extras that come with different meals etc.
- Implemented a notification service for difference stages of an order for all users through emails, in-app notifications and push notifications for devices based on the user’s choice.
- Implemented a wallet feature for all users for easy payment for meals and rides.
- Celery and RabbitMQ was used to handle background tasks such as sending notifications. Post-greSQL was used as the data store.
- Tools and frameworks used are Django, Django REST Framework, Heroku, Python.

Wise X - An Algorithmic Trading Bot. Visit App Here	GitHub
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- Built a web application for easy registration of users, and payment of services using the Coinpayments API.
- Integrated the web app with a bot that trades futures for users on Binance.
- Celery was used to handle background tasks such as sending emails, checking the expiry dates of subscriptions, and updating the database when a transaction is successful or timed out.
- PostgreSQL was used as the data store.
- Tools and frameworks used are Django, HTMx, Bootstrap, and Heroku.
- AWS Services: Amazon MQ, Amazon RDS, S3 Buckets, e.t.c.

An eCommerce Aggregator. Visit App Here	GitHub
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- Implemented the use of Selenium, BeautifulSoup, and the requests library for scraping product prices, descriptions, star ratings, et.c for easy product and comparison for users using python.
- Retrieved products data from Jumia, Aliexpress, Amazon, and Ebay to display products on the web app.
- PostgreSQL was used as the data store.
- Tools and frameworks used are; Python, Django, PostgreSQL, HTML/CSS, JavaScript, and .

EXPERIENCE

Ethnos IT Solutions	September 2022 - Present
Software Engineer	<i>Lekki, Lagos</i>

- Responsible for building RESTful API endpoints and SDKs to Scan, Monitor and Protect mobile applications based on MASVS standard using python.(subject to a non-disclosure agreement; no further details available)
- Handling CI/CD using github workflows to test and deploy apps to AWS ECS Clusters
- Implementing the use of docker, docker-compose, ECR/ECS, security groups, Github, Post-greSQL, Django Rest Framework to build and deploy the backend.

Ethnos IT Solutions	February 2021 - August 2021
Software Engineer Intern	<i>Lekki, Lagos</i>

- Developed a web app that scans for open ports and vulnerabilities on a network using Nmap and python to automate all the steps.
- This was achieved using Python, HTML, CSS, JavaScript, and Bootstrap, with Django as the web framework and PostgreSQL as the database.

SKILLS

Technical Skills	Full-stack Development, REST API Development, System Design, Github
Soft Skills	Teamwork, Leadership, Problem-solving, Good Communication, Adaptability
Languages	Fluent in CSS, HTML, JavaScript, jQuery, SQL and Python
Expertise in	Django Framework, Django REST APIs, React

HOBBIES AND INTERESTS

- Machine Learning/Data Analysis.
- Web Scrapping.