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

Wise X - An Algorithmic Trading Bot. — GitHub

- Built a web application for easy registration of users, and payment of services using the Coinpayments API.
- 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.
- Tools and frameworks used are Django, HTMx, Bootstrap, and Heroku. AWS Services: Amazon MQ, Load Balancers, RDS, Objects Storage, ECS e.t.c.
- Visit App Here

An Aggregator Store Model. — GitHub

- Created a web scraping feature using python to accomplish this task.
- Retrieved data from Jumia, Aliexpress, Amazon, and Ebay to display products on the web app.
- Stored "saved" products in PostgreSQL.
- Implemented Selenium, BeautifulSoup, and the requests library for scraping.
- Deployed on Heroku with Git.
- The tools and frameworks used are; Python, Django, PostgreSQL, HTML/CSS, JavaScript, and Git.
- Visit App Here

EXPERIENCE

Ethnos IT Solutions	September 2022 - Present
Software Developer	*Lekki, Lagos (Remote)*

- Responsible for building RESTful API endpoints and SDKs to Scan, Monitor and Protect mobile applications based on MASVS standard using python
- Django Rest Framework is being used to create the endpoints and data is stored in PostgreSQL

Pracee Global Ltd	Februaury 2022 - Present
Software Developer	*London, United Kingdom (Remote)*

- Demonstrated expertise in building RESTful API endpoints, Websockets APIs, improved user experience while using bootstrap, HTML, CSS and Javascript
- In charge of front-end, and back-end development, including DevOps and CI/CD operations
- Tools used are Redis, RabbitMQ as message brokers, Docker, PostgreSQL, ElasticSearch, S3 Buckets, ECS/ECR, Git, Pandas, numpy

Ethnos IT Solutions	February 2021 - August 2021
Full Stack Developer Intern	*Lekki, Lagos*

- 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, Web Automation - Selenium
Soft Skills	Teamwork, Leadership, Problem-solving, Good Communication, Adaptability
Languages	Fluent in CSS, HTML, JavaScript, jQuery, SQL and Python
Frameworks	Expertise in Django Framework, Django REST APIs, AWS Services, Pandas

HOBBIES AND INTERESTS

- Machine Learning/Data Analysis.
- Web Scraping.
- Blockchain.