Enoma Uwaifo

**Python Developer**

*A fast learner of new technologies and how to implement them with a burning aspiration to be a top level developer through training and practicing*

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**GitHub:** https://www.github.com/enels

**Linkedln:** https://www.linkedin.com/in/enoma-uwaifo

**WORK EXPERIENCE**

**Python Developer (Personal/Clients Projects): O.S Platform – Linux 2012 – Present**

**Developed**

* Machine Learning Models as a freelancer
  + Intrusion Detection System Using Neural Networks (Back Propagation) technique
  + Breast Cancer Classification using supervised learning with a detailed report. Algorithm used was support vector machine (SVM)
  + Breast Cancer Classification using unsupervised learning with a detailed report. Algorithm used was the k-means clustering
  + Prediction of the sales of a specific drugs for a pharmacy using linear regression
* A python automation script for client using tools such as Selenium WebDriver and Beautiful soup
* A news website using Django. Deployed on Heroku and AWS Cloud
* A Django book order system with the integration of stripe payment system.
* A Blog using Django REST Framework

**Implemented:**

* A full-text search engine using PostgreSQL
* A full fledged user authentication and authorization system using Django and JWT
* A mini social network website

**Implemented**:

* An authentication system using Django’s authentication framework
* Changed the authentication system to use social sites like Facebook, Twitter, and Google.
* A simple user follow system
* An image ranking system
* An e-commerce application

**Implemented**:

* + - * A shopping cart using Django session
      * Integrated stripe payment system and discounted payment with the help of a webhook
      * A product recommendation system using reddis
      * A couple system to apply discounts to orders
      * Used django-localflavour to localize forms

**Currently Developing: An e-Learning Platform that includes a CMS**

* + Implemented Model Inheritance to create polymorphic contents
  + Created cached contents using memcache and Redis
  + Implemented a real time chat using Django’s channels

**Personal projects**

**JavaScript**

* Mapty Aplication**:** Geolocation Based Application that helps determine the final destination from your current position based on your means of movement
* A Minimal Banking Frontend Application

**NodeJS**

* A RESTFul API
* A Web Application GUI
* A simple CLI

**O.S Platform: Windows**

* Developed a Relational Database system of a logistic company web application using MySQL and was involved in developing the server-side code using PHP.

**National Institute for Information and Technology 2010-2011**

* Python Backend Development Tutor using Django
* Python Data Analyst Tutor
* Tutor in:
  + Database using MySQL, MSSQL, and MongoDB
  + Linear Algebra for Machine Learning
  + Matrices
  + Calculus for Machine Learning
  + Probability and Statistics for Machine Learning
  + Data Structures and Algorithms in Python
  + Machine Learning and Deep Learning

**National Petroleum Development Company 2011-2012**

Developed the backend structure of the company’s business intelligence software using Python and Django

Enhanced the speed of the application using C

**CERTIFICATE OF COMPLETION**

* Python Django Developer (Linkedln)
* Python Essentials Cisco Networking Academy
* FullStack Web Development with Flask (Linkedln)
* MongoDB University Certifications

MongoDB Basics

Python Developer’s Track

NodeJs Developer’s Track

Database Administrator

* HackerRank Certification

Python (Basic)

SQL (Basic and Intermediate)

Rest API (Intermediate)

React (Basic)

Problem Solving (Intermediate)

* Deep Learning Using Python(Udacity)
* Complete JavaScript Course (Udemy)
* Data Structures and Algorithms in JavaScript (FreeCodeCamp)
* Scientific Computing with Python (FreeCodeCamp)
* Complete Java Master Class Course (Udemy)
* Certificate of completion Open Source Masterclass

**PROFICIENCIES**

* C(7 Years Experience)
* Python (4 years experience)
* HTML/CSS
* JavaScript (Not so proficient)
* Linux (Ubuntu)(5 years experience)
* Machine Learning Algorithms (1 year experience)
* Deep Learning Algorithms
* SQL(3 years experience)
* PostgreSQL
* MySQL
* Data Structures and Algorithms(3 years experience)
* AWS (Skilled but not certified)
* Git and GitHub
* Jenkins as a Continous Integration tool(< a year)
* Maven as a build tool(< a year)
* Ansible as a configuration management and deployment tool(< a year)
* Docker for containerization
* Kubernates as a container management tool
* Reddis
* Terraform
* Elasticsearch

**EDUCATIONAL BACKGROUND**

Electrical Electronics Engineering University of Benin, Nigeria 2006 - 2011