

EDET, UKEME WILSON

SENIOR SOFTWARE ENGINEER

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I'm a passionate Senior Backend Developer with over 6 years of experience in Python development. I specialize in crafting robust and scalable web applications using Python, Flask, and Django. Continuously learning and evolving, my goal is to build cutting-edge software that solves complex problems and delivers real value.

Technical Skills

- **LANGUAGES:** PYTHON, JAVASCRIPT, SQL
- **TOOLS, TECH STACK & SKILLS:** FLASK, DJANGO, SELENIUM, DOCKER-COMPOSE, PANDAS, SPACY, OPENCV, PYMONGO, SCIKIT-LEARN, CELERY, REDIS, AWS, HETZNER, DIGITAL-OCEAN, TWEETPY, TWINT, TRELLO, BEAUTIFULSOUP, REQUESTS, SQL, RABBITMQ, ANSIBLE, ZAPIER, VOICEFLOW, EXPRESS-JS, MONGODB, CASSANDRA, REACT, NEXTJS, TYPESCRIPT

Non-technical Skills

- Ability to navigate and blend into a high-paced start-up environment.
- Excellent interpersonal, presentation and collaborative skills.
- Capable of conveying information clearly to diverse audiences, including both technical and non-technical stakeholders.
- Strong team collaborator with the ability to swiftly grasp and implement new concepts, principles, and solutions while staying updated on the latest trends.

Experience

Demz Analytics – Nigeria

Backend Engineer

May 2024 - Till date

- Establish a dynamic, real-time rate monitoring system that consistently provides up-to-date exchange rates between various currency pairs for WOVENREMIT FINTECH.
- Implement a comprehensive alert feature designed to automatically send push notifications to users whenever their specified exchange rate targets are met, ensuring they stay informed in real time for WOVENREMIT FINTECH.
- Developed and maintained backend APIs for DRIPTOK, a specialized social application focused on sharing videos related to fashion designs and clothing, enabling seamless content sharing, user interaction, and media management within the platform.

Gridiron – London, United Kingdom

Developer

November 2023 – March 2024

- Develop and utilize Ansible modules specifically designed to manage the power state of ILO servers, enabling the ability to efficiently power them on or off as needed.
- Develop Ansible modules tailored for the creation and management of Virtual Data Center (VDC) organizations within VMware vCloud Director (VCD), streamlining the process of setting up and configuring these organizations.
- Design AI-powered chatbots by leveraging the capabilities of Voiceflow for conversational design and Zapier for seamless integration with various platforms and services, ensuring a smooth and automated user experience.
- Implement and utilize Ansible modules specifically crafted to analyze and assess the resources of hosts and clusters within datacenters, providing detailed insights into resource allocation

Demz Analytics — Nigeria

Data Scientist & Backend Developer

May 2019 – September 2023

- Web scraping with Selenium and Requests Modules for gathering/collecting data
- Contributed to the development of a video-clip generator; a solution that auto generates clips given news feed parameters such as the article headline and key points by wrapping the video around the images of Person, Organization and Company entities identified from the headlines and key points provided.

- Built a Noise reduction application, that takes an audio recording and returns several noise reduced audios
- Created a recommender solution that analyzes users' interests based on the entities in the videos interacted with, and their weighted actions to offer recommendations that suites their interests.
- Built a recommender algorithm to match clients and therapist based on several metrics
- Developed a twitter bot capable of receiving user requests and automatically responding with a relevant video, enhancing user interaction and engagement directly on the Twitter platform.
- Established and managed robust container services on cloud servers hosted by Hetzner, DigitalOcean, and AWS, ensuring efficient deployment, scaling, and maintenance of containerized applications across these platforms
- Text classification using machine learning models
- Provided comprehensive analysis and recommend solutions to address complex business problems and issues using data from internal and external sources.
- Efficient use of databases (MONGO DB, SQL) to save and retrieve data
- Mentor and assist junior developers

Projects

- **NOISE REDUCTION:** A noise reduction application, that takes an audio recording and returns several noise reduced audios
- **THERAPIST RECOMMENDATION:** A recommender algorithm to match clients and therapist based on several metrics
- **PORTFOLIO:** A personalized portfolio built with next-js
- **PRICE CHECKER:** An app that goes through several e-commerce sites and gets the price of the lowest item

Education

- ❖ Bachelor of Pharmacy (B.Pharm), University of Uyo, Uyo, Akwa Ibom State, Nigeria (2007-2013)

Certifications

- <https://www.sololearn.com/certificates/course/en/8932667/1161/landscape/png>

- www.testdome.com/certificates/f18716abd03f4c5e83582457262b4fde
- <https://kodekloud.com/certificate-verification/77EBD29796-77F78FCF20-77E59F86EE/>

Activities and Interest

- Reading & Research
- Chess
- Music & Sports

References

Available upon request