Osagie Iyayi
Software (Machine Learning) Engineer

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Github Profile
[E-wave112](#)
LinkedIn Profile
[Osagie Iyayi](#)

Dedicated Software and Machine Learning engineer with over 2 years, hands-on professional software engineering experience; core stack being backend(server-side) using python(fastAPI,Django) and TypeScript(Node.js,NestJS) to build scalable software and machine learning models, applications, and infrastructure that solves real-world problems creatively!

Skills
Programming Languages: Python, SQL, JavaScript(NodeJS),Typescript, HTML5, CSS3
Technologies and Frameworks: Tensorflow, Keras, SciKit Learn,Pandas, AWS, Linux, Docker, FastAPI, Backend (Server-side) Development, Django,NestJS, Microservices Architecture,Version Control(Git)

Education
University of Lagos, Nigeria
Bsc in Mathematics and Computer Science

Experience

Software(Backend) Engineer at Mollo Finance   **April 2022 - Present**
Software(Backend) Engineer at Excite Africa   **March 2021 - March 2022**
- Drove operational improvements which resulted in savings and improved profit margins.
- Developed the Excite enterprise mobile app which accumulated over 2k+ downloads on the Google play store and App Store in the first six months.
- Deployed and served static files and applications on web servers (Nginx) for website optimization and load balancing.

Software Engineer at Joovlin(Contract)   **August -September 2021**
- Built and Consumed APIs organized around the Microservices Architecture to support web and mobile clients
Data Engineering Intern at Hamoye, Lagos   **January 2021 - June 2021**
 -Engineered Pipelines for deploying production-ready Machine Learning Models hosted on Google Cloud Platform (Kubernetes & Kubeflow).
 - Integrated Machine learning models as a service into Express(Node.js) based applications to improve customers' user experience via predictive modeling.
 -Forecast & optimized cloud infrastructure costs, reducing 40% of the total cost of operations

Backend Engineer at Raaxo Synergy - Abuja (Remote)   **January 2020-November 2020**

- Contributed to and designed new algorithms for varieties of software services which resulted in a 30% increase in positive feedback from clients and end-users.
- Delivered on client demand while working in an Agile environment.
- Delivered and maintained scalable system architecture to support high-availability Internet sites with various internal third-party applications and services.

Projects
Bitfast: A Bitcoin Price Predictor
 A bitcoin price predictor built with fast API and FaunaDB powered via a time-series machine learning model. Live Api link [here](#) and source code on [github](#)

My AI Notebooks
- A simple portfolio website detailing all my Machine Learning projects and builds. more details [here](#)

ThePeer Python SDK
- Official python SDK for interacting with [ThePeer](#) payment processing infrastructure.
- Link to the project [here](#)

Fake_Space:A Fake News Predictor API
- An NLP Fake News detection model API (ongoing) currently built with Python and AWS. Check out the full details via this [link](#)

Awards & Recognitions
- Gave a talk session at [OSCAFEST22](#) program on [Modern Machine Learning](#)
- Participant at Google get-ahead-africa 2019   **April-August**

- AngelHack Ambassador   **2021-present**