NURUDDEEN U. SAMBO

SOFTWARE ENGINEER AND GOLD FELLOW AT THE ROOM

PROFESSIONAL SUMMARY

I'm a Full Stack engineer with 3 years experience in developing web, and mobile applications and I'm passionate about leveraging innovative technology in Artificial Intelligence and Machine Learning. I'm also proud to have graduated in the top 5% of the ALX Tech program and selected for the Gold Fellowship program at The ROOM.

TECHNICAL SKILLS

- Programming Languages: Python, PHP, Javascript
- Frameworks: TensorFlow, Keras, Pytorch, Laravel, Livewire
- Databases: Mysql, MongoDB
- CI/CD Tools: CircleCI, Github Actions
- Operating Systems: Linux, Windows
- Automation/ Testing Tools: Ansible
- Version Control: Git
- Project Management Tools: Trello

CONTACT ME

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WORK EXPERIENCE

Software Developer   **2023 - Present**
JED PLC l Jos, Nigeria

I spearheaded the development of a performance metrics reporting dashboard for the management board. Additionally, I assumed a leadership role in developing the company's internal employee management system. My contributions streamlined reporting processes and enhanced operational efficiency within the organization.

Lead, Sust. & Innov.   **2022 - 2023**
United Front Africa l Hybrid, NG

I oversaw and guided the development, monitoring and implementation of sustainability strategies in terms of enacting environmentally and socially responsible policies and how to leverage technologies to shape the culture and processes required for success, as well as training of staff on how to get better at leveraging technology.

ML Tutor   **2022 - 2022**
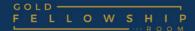**Udacity, Inc l Remote**

As a Machine Learning Tutor at Udacity, I provided expert guidance in machine learning concepts while managing the community. I facilitated engaging learning environments, encouraging effective discussions among learners. My role involved mentoring and inspiring students to excel in their machine learning journey.

Software Engineer   **2019 - 2022**
Horizon IT Services l Bauchi, NG

ML engineer adept at designing and implementing machine learning systems, analyzing requirements, and developing software applications. Proficient in researching new technologies for projects and resolving issues through thorough testing and modification. Key accomplishments include a TensorFlow and Flask-based lung cancer diagnostics tool and contributing to the "paedio.ai" AI pediatric pneumonia detection system. Committed to innovation and impactful results.

GOLD
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Represented by: **The Room**
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EDUCATION

B. Agric. Tech
ATBU/Bauchi, NG
2013 - 2018

CERTIFICATIONS

Udacity, Inc. - 2023
Data Analyst Nanodegree

Udacity, Inc. - 2022
Cloud DevOps Engineer
Nanodegree

Udacity, Inc. - 2021
AWS Machine Learning
Foundations

Microsoft Certified - 2021
Azure Data Fundamentals

DeepLearning.AI - 2021
TensorFlow Developer

Coursera - 2020
Machine Learning with
TensorFlow on Google Cloud
Platform

PROJECTS

Hausa Sentiment Analysis   **2023**

Developed a Hausa language multi-class classification model to classify news content according to its specific category.
Kaggle

Horizon SMS   **2022**

Designed and developed a student management system that automates the process of student registration, course enrollment, and grade reporting. The system was successfully deployed and has been used by over 1,000 students and received positive feedback from stakeholders .

Peadio.ai   **2022**

A web-based application designed to assist in diagnosing paediatric pneumonia by analyzing chest X-ray images using a robust Self-supervised learning (SSL) machine learning model.
Demo

ML Microservice API   **2022**

Operationalized a machine learning microservice using Kubernetes, which is an open-source system for automating the management of containerized applications.
Github

Lungalyf   **2021**

A web-based automated lung cancer diagnostic tool using artificial intelligence that interprets CT scans using state-of-the-art segmentation model architecture, UNET.

REFERENCES

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