FATOLA, FATAI

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WORK EXPERIENCE

Nov 2022 – Nov 2022

Print f Project
Alx Africa Nairobi, Kenya
Task:
Created a replica of C programming language's Printf fucntion

Tools:
Linux shell, Github, Betty lintel

Apr 2023 – Jun 2023

Webserver
Alx Africa Nairobi, Kenya
Task:
Configured and managed two web servers and a virtual load balancer using nginx and haproxy

Tools:
Linux shell, Github, Nginx, Haproxy, Datadog, ufw firewall, guinicorn

Mar 2023 – Jun 2023

Airbnb Clone
Alx Africa Nairobi, Kenya
Task:
Collaborated with a team of 4 developers to build and deploy a clone of Airbnb composed of:

A command interpreter to manipulate data without a visual interface.

A front-end that shows to render static and dynamic contents.

An API that provides a communication interface between the front-end and and back-end.

A MYSQL database to store data

Tools:

Linux shell, Github, JSON, MYSQL, RESTFUL API, Flask, Javascript, Html, CSS, Python

Apr 2023 – Jun 2023

Web Stack Debugging
Alx Africa Nairobi, Kenya

Task:
Debbugging broken/bugged webstacks, and came up with a Bash script that once executed, brought the webstacks to a working state. Then thereafter write a postmortems to explain the issue and how they were solved.

Tools:
Linux shell, Github, docker, netstat, puppet

EDUCATION

Sept 2022 – Oct 2023

ALX Africa, Nairobi Kenya
Software Engineering Diploma

Portfolio Project:
Soilanalyst Web application

Goal:
Developed an interactive web application that determines soil properties based on geographic coordinates. Integrated Leaflet API for interactive soil maps.

Tools:
Python, Flask, HTML/CSS, MySQL, Javascript, leaflet js plugin, iSDA api endpoints

Host: https://factism001.github.io/soilanalyst

| Sept 2015 – Jul 2018 | **University of Ilorin, (UNILORIN) Nigeria** |
| | Master of Science (Msc) Soil Science |

Masters thesis:

Estimation of potential soil loss in a southern guinea savanna watershed

Tools: ArcGis(Arcmap), GPS device, Google Earth, Google maps, Microsoft office

Sept 2007 – July 2012	**Federal University of Agriculture (FUNAAB), Nigeria**
	Bachelor of Science in Soil science and land management.
Oct 2000 – July 2006	**Command Day Secondary School, Nigeria**
	Senior School Leaving Certificate (SSCE)

PROFESSIONAL SKILLS

Applied SCRUM for Agile Project Management

Languages: Python, JavaScript, Typescript C, SQL

Frameworks: Flask, Node.js, SQLAlchemy, Django

Databases: MySQL, MongoDB, Redis , NOSQL

Testing: unittest, pytest

OS: Linux, Shell scripting, Puppet scripting

Version Control & Tools: Git, GitHub, Docker, Vim, Webstack debugging

ALX Africa, Nairobi Kenya.