

UNANAM VICTORIA

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SUMMARY

I'm a highly motivated and detail-oriented software engineering graduate, passionate about solving complex problems and developing innovative software solutions. Knowledgeable in programming languages such as C, Python, JavaScript and their respective frameworks and libraries, databases like MySQL, Postgresql and MongoDB with experience in software development methodologies and project management. A strong team player with excellent communication and interpersonal skills.

WORK EXPERIENCE

Frontend Engineer - InternPulse | May 2024

- Built Portfolio websites using HTML, CSS, JAVASCRIPT
- Integrated Third party APIs to web apps like a movie webapp
- Designed and implemented the footer component for an ecommerce webapp
- Participated in standoff meetings with teammates
- Designed the Partners Page for E-commerce webapp

Software Engineer - ALX Africa | June 2023 - October 2024

During my time at Alx Africa, I completed a comprehensive curriculum that provided me with a strong foundation in programming languages, web development, and computer science concepts. The program was divided into four sections, each focusing on different aspects of software development and systems administration, also three months long for each section

SECTION 1

- I gained proficiency in the C programming language, covering topics such as Git and command line editors, Bash scripting, memory allocation, file I/O, and data structures like linked lists. I even developed my own printf function and Shell.

SECTION 2

- I learnt Python and its fundamentals, including modules, exception handling, classes/OOP, and file I/O. SQL was introduced, and I gained experience with basic and join queries. I also worked with static and dynamic libraries, makefiles, and learned various algorithms such as sorting, binary trees, stacks, queues, and hash tables in C.

SECTION 3

- Here I focused on advanced topics on web development and DevOps. I explored object-relational mapping using Python, web frameworks, RESTful APIs, and web scraping. I also ventured into JavaScript, studying its syntax, objects, scopes, closures, and web scraping capabilities. Furthermore, I acquired knowledge about search algorithms, SSH, SSL certificates, web servers, load balancers, firewalls, MySQL primary-replica setups, server monitoring, code deployment, postmortem analysis, and web stack debugging.

FINALE

- This was all about specialization. I specialized in backend where I went on to learn advanced SQL operations, NoSQL - MongoDB & Redis, ES6 - Node.js, authentication, testing - Unit & integration tests, i18n, pagination, caching and interview preparation - Solving popular interview questions.
- Through this rigorous curriculum, I not only developed strong programming skills but also gained a deep understanding of various web technologies and system administration concepts. My time at Alx Africa provided me with a well-rounded education, preparing me for real-world challenges in software development and systems engineering. To round up the foundations, I teamed up and worked on an online bookstore named Booklocker. For the final stage, I worked on an online platform that connects patients to medical services online.

Frontend Intern - Women Techsters Bootcamp | 2024

- Completed a variety of frontend tasks including developing a responsive landing page using just html,css and javascript
- Integrated third party Apis to demonstrate comprehension of Apis
- Participated in demo day to showcase the product we had developed as a team

FREELANCING

- Worked on an Image editor web app
- Developed the backend for a task manager app using Django
- Developed and deploed a News Website using Django
- Django Engineer

TECHNICAL SKILLS:

- Programming languages: Python, Django, JavaScript, C, Bash
- Software development methodologies: Agile, TDD, CI/CD
- Databases: MySQL, Postgresql, MongoDB,
- Web development: JavaScript, React, Next, Nodejs, Django, Flask, FastApi
- DevOps: DigitalOcean, AWS, Cloudflare, Heroku etc.

EDUCATION:

ALX Software Engineering Program | 2023 - 2024

- Completed intensive training in software engineering, including courses in programming languages, software development methodologies, and project management
- Relevant coursework: Data Structures & algorithms, operating systems, DevOps, object-Oriented programming, systems and architecture, software development and testing, web applications and databases, software engineering etc.

Cross River University of Technology, Nigeria | BIOCHEMISTRY | 2014 - 2018

INTERESTS:

- Open-source software development
- Web Technologies
- Embedded Systems
- Artificial Intelligence
- Complex Algorithmic software development

REFERENCES:

- Available upon request.