Martins ANERUA

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Profile

Excellent problem solver and critical thinker with a solid background in software engineering and a strong desire to keep learning, with the aim of developing solutions that add value.

Education

December 2021 Osun State, Nigeria	**Bachelor of Science, Electronic and Electrical Engineering** **Obafemi Awolowo University, Ile-Ife**
June 2014 Ogun State, Nigeria	**West African Senior School Certificate** **O'tega International School, Ibafo**

Experience

Sept 2019 – Feb 2020 Victoria Island, Lagos	**ICSS and Instrumentation Intern** **Total E&P Nigeria Limited**

- Improved offshore monitoring activities through the development of two dashboards that keep track of process variables of the FPSO's subsea system.
- Generated a daily alarm report and highlighted critical alarms, thus ensuring early detection and resolution of system faults on the FPSO.
- Partook in a field trip to the deep-water offshore facility, during which valuable experience relating to process control and instrumentation was gained.

Feb 2019 – Apr 2019 Ile-Ife, Osun	**Software Development Intern** **iLabs, Obafemi Awolowo University**

- Developed counter modules in VHDL that served as building blocks for the different modules developed by others in the team.
- Developed various basic hardware components in VHDL as part of a team effort to test the functionalities of the Nexys A7 FPGA.
- Designed and implemented a mouse-controlled VGA animation on the FPGA that demonstrated clearly, its excellent capabilities in graphics processing.

Projects

February 2022	**News App**
	https://anerua-newsy.herokuapp.com
	• A news and jobs aggregator web app, displaying top news and jobs using the Hacker News Firebase API.
	Python, JavaScript, Django, REST API, Database, Celery, Redis

August 2021	**Email client**
	https://anerua-mail.herokuapp.com
	• An email client that makes API calls to send and receive emails.
	Python, JavaScript, Django, API, Database

July 2021	**eBay-Like e-Commerce Auction Site**
	https://anerua-commerce.herokuapp.com
	• An eBay-like e-commerce auction site.
	Python, JavaScript, Django, Database

November 2020	**Sudoku Puzzle Solver**
	https://github.com/anerua/Sudoku-Solver
	• Implementation of a depth-first search algorithm to solve any valid Sudoku puzzle in less than a second, written in *Java*.

October 2020	**15-Puzzle Solver**
	https://github.com/anerua/15-Puzzle-Solver
	• 15-puzzle solver that implements the A* algorithm, written in *C++.*

June 2020	**Tic-Tac-Toe Player**
	https://github.com/anerua/Tic-Tac-Toe
	• Tic-tac-toe game player that utilizes the mini-max algorithm with alpha-beta pruning, written in *Python*.

Skills

Technical Skills
- Proficient in Java, Python and C++
- Adept in JavaScript, HTML & CSS
- Knowledge of various algorithms and data structures
- SQL, Django, React, Celery, Redis, Git, GitHub Actions, Linux, Cloud services, CI/CD, Docker

Soft Skills
- Critical thinking
- Team player
- Problem solving
- Time Management
- Creativity

Languages
- Bilingual English and Etsako
- Conversational Yoruba

Certifications
- HUET with CA-EBS Certification

Hobbies

- Playing puzzle games
- Origami