

# Uchenna Ofor

## Python X MERN Stack Developer

Email: [ucheofor2015@gmail.com](mailto:ucheofor2015@gmail.com)

LinkedIn: <https://www.linkedin.com/in/uchenna-ofor-0a8591169/>

Github: <https://github.com/vix1209>

Website: <https://ucheofor.onrender.com>

### EDUCATION

Federal University of Technology, Owerri, *B.Eng. Agricultural Engineering* [Sept. 2017 - Aug. 2023]

#### Final year project

***Impact of Climate Factor (Rainfall) on Groundwater Parameters.*** (<https://github.com/Vix1209/Impact-of-rainfall-on-grndwater-parameters>)

Developed a Linear Regression Model so as to allow for accurate and precise prediction of groundwater parameter values, alongside their corresponding Rainfall values across future years.

### SKILLS/TECHNOLOGIES

Git, Github, Git bash, Command line(CMD), Python, Django, Javascript, Typescript, Nodejs, ExpressJs, Reactjs, State Management (Redux), Axios, Bootstrap, RestAPI, Postgresql, MongoDB, AWS, Docker, CMS(Wagtail), SwaggerUi, Postman.

### EXPERIENCE

Software Engineer – **Freelance** [Remote]

[Dec. 2022 – Present]

- Design and develop scalable and maintainable serverside and clientside software solutions using Django/Node.js and React.js.
- Collaborate with cross-functional teams to understand business requirements and translate them into functional applications.
- Maintain and improve existing systems to ensure they meet the needs of our clients.
- Troubleshoot and debug issues as they arise.
- Help bring various clients' visions into reality through a seamless development process and on-time delivery.

Frontend Development Tutor/Mentor [Contract]

[Sept. 2022 - Nov. 2022] *Owerri, Imo State, Nigeria*

- Groomed over **10 tech enthusiasts** on the basics of frontend development, using industry standard and up to date software versions.
- Enhanced their growth of the basic soft skills necessary for a tech career, by setting up group projects and communication amongst themselves.
- Realigned their mindset and inculcated good values by teaching them to not shy away from challenges, as they help build, rather than break
- Introduced them to version control systems and how to collaborate with others within a project. Hence, encouraging the importance of teamwork, communication, peaceful coexistence and healthy competition
- Achieved a superb milestone by supervising them in the creation of projects, which were attached to their portfolio sites prior made by them. As a stepping stone to getting awareness on their tech prowess
- Aided in enhancing social media presence as well as community presence, by tagging them along during tech seminars held in our community within that time frame.

Python Developer Intern – **Terra HQ** *formally Side Hustle Internship*

[Apr. 2022 – Aug. 2022] *Ibadan, Oyo State, Nigeria*

- Learned database administration and Python programming language for web development in a class of over 800 interns. I was among the final 30 that stayed in the program up till the end.
- Worked as the backend engineer within a **team of 24** (10 Software Engineers, 4 Product Managers, 5 data analysts and 5 Product Designer) in developing a **full-scale web application** for the company's subsidiary.
- **Designed and developed** the backend architecture, database models and APIs to be consumed by the client side using **Python, Django** and **PostgreSQL**.
- **Designed and implemented** user sign-up, login, and password reset functionalities using **Django authentication packages**.
- Implemented enhanced authentication processes, using Google-auth API, for each user to bring about enhanced security and privacy for users within the web application.
- Implemented an **emailing service** for automated user communications and **notifications**.
- Rewrote and reintegrated the entire server side around **ReactJs** from **vanilla Javascript**. A recent development to bring about **faster and lighter runtime** for the entire project, hence improving the efficiency and user experience of the project by over **15%**.

### PROJECTS DEMO

#### • **Vixinventory**

A full stack E-commerce site, used to keep track of users' orders, purchases and operations, alongside providing authentication, and authorization for the user and staff. Also giving the ability for new products to be queried into the database using CRUD operations.

- **Veepay Telecommunications**

A FINTECH solution still in production for providing payment gateways for cable and data subscriptions, bulk SMS and data SME purchase, all in a secured, user friendly and timely manner.

- **AI Finance Therapist**

An AI dashboard built using MERN stack and machine learning tools in order to track a company's finance records as well as predict their future financial state moving forward.