

Abakwe Carrington

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FULL STACK SOFTWARE ENGINEER

Enthusiastic and dedicated Full Stack Python Developer with 4 years of experience and a strong foundation in web development technologies, React.js, HTML, CSS, JavaScript/jQuery, Python, and Flask, Skilled in developing plans, managing projects, and user documentation, Known for creating elegant, efficient, and user-friendly web applications. Proven ability to collaborate effectively, deliver high-quality code, and meet project deadlines.

PROFESSIONAL EXPERIENCE

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Sept 2023- Present, Nigeria

Lead Back-End Engineer

- Spearheaded backend development for cutting-edge web applications, specializing in server-side scripting, database management, and API integration. Collaborated with cross-functional teams to deliver robust and scalable solution
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Accomplishments:

- Designed and implemented RESTful APIs, facilitating seamless communication between the frontend and backend systems.
- Optimized complex database queries, resulting in a 30% reduction in response time and enhancing overall system performance.
- Implemented advanced authentication and authorization mechanisms, ensuring data security and compliance with industry standards.

Xtus Connect

Jan 2022 - Jun 2023

Full Stack Developer

- Led full-stack development efforts for Xtus Connect, conceptualizing, designing, and implementing complete web applications.
- Collaborated closely with UI/UX designers and back-end developers to deliver comprehensive and user-friendly web solutions.

Accomplishments:

- Developed end-to-end web applications, from front-end user interfaces to back-end server logic.
- Utilized HTML, CSS, JavaScript, jQuery, Python(Flask) to create user-friendly and responsive web interfaces.
- Implemented interactive features, animations, and optimized overall website performance.

Nigerian Bottling Company | Coca-Cola Quality Assurance Engineer Intern

Jun 2019- Jan 2020, Nigeria

- Assisted in the monitoring and adjustment of Brix (sugar concentration) levels of carbonated drinks, ensuring adherence to quality standards.
- Implemented rigorous testing protocols to evaluate and document the sensory attributes of carbonated beverages, contributing to the maintenance of product consistency.
- Collaborated with cross-functional teams to conduct routine inspections on production lines, identifying and resolving deviations from quality specifications.
- Played a key role in the analysis of raw materials, intermediates, and finished products, ensuring compliance with regulatory requirements and internal quality control measures.

Projects

TECH HUB

Jan 2021 - Mar 2021

Contributed to the development of TechHub, an online platform that serves as a hub for technology enthusiasts. Implemented various features related to user profiles, posts, comments, and discussions. Used Python, Flask, javascript/AJAX, HTML/CSS, Bootstrap, fastAPIs to enhance the platform's functionality and user experience..

Accomplishments:

- Developed and implemented innovative user interfaces, contributing to a 25% increase in user engagement on the website.
- Integrated cutting-edge features, including dynamic content loading and real-time updates, enhancing the overall user experience.
- Conducted thorough cross-browser testing and optimization, resulting in a 20% improvement in website compatibility and performance.

Heartful Connect

July 2023 - Oct 2023

Lead developer for Heartful Connect, an innovative online platform designed to connect individuals with professional therapists and provide a safe space for mental health support. Developed using Python, Flask, and JavaScript technologies, allowing users to sign up, connect with therapists, and access valuable resources for self-improvement

Accomplishments:

- Designed and implemented core features, including a real-time chat functionality, to enhance user engagement and interaction.
- Ensured data security through encryption techniques and regular security audits, maintaining the confidentiality of user information.
- Collaborated with a cross-functional team, providing technical leadership and contributing to the overall success of the project.

EDUCATION



Federal University Of Technology, Owerri, Nigeria

Feb 2016 - Jun 2021

Bachelor of Technology in Food Science and Technology (Engineering)



Moat Academy for Developers

Graduate Certificate for Web Application Development.



St Gregory's College

Ikoyi, Lagos

Senior Secondary School Certificate

SKILLS

Programming Languages: Python.
Web Technologies: HTML5, CSS3.
JavaScript, jQuery, Flask.
Front-end Frameworks: React.js.
Effective Communication.
Teamwork.

Data Formats: JSON .
Version Control: Git.
Database Management: MySQL, HeidiSQL.
Web Services & APIs: RESTful API.
Methodologies Agile: (Scrum, Kanban).
Problem-Solving.