

Charles C. Nwoye

• [LinkedIn](#) • charlesnwoye2@gmail.com • [Website](#) • [GitHub](#)

SOFTWARE ENGINEER

Python | TypeScript | SQL | Git | Azure Cloud

Proficient, Reliable and energetic Software Engineer with 3 years of professional experience in software engineering. Extensive background in full software development lifecycle including planning, coding, testing, debugging and maintenance of web applications using software tools. Eager to implement and launch new projects.

PROFESSIONAL SKILLS

- **Technical:** PostgreSQL, Python, JavaScript, TypeScript, Node.js, Git, Docker, MySQL, NoSQL (MongoDB)
- **Non-Technical:** Emotional and social intelligence, decision-making, cognitive flexibility, excellently skilled in facilitating dialogue with a focus on team-building, and ability to work in team

WORK EXPERIENCE

UnykEd – *Georgia, United States of America*

2023 - present

Software Engineer

- **Software Design and Implementation:** Coordinated the design and implementation of database models and entire software system architecture paying meticulous attention to detail to ensure optimal performance.
- **Project management:** Effectively managed the execution of the software development process and the team to achieve set goals and ensured timely delivery in alignment with established deadlines.

truQ Dynamic Services – *Lagos*

2022 - 2023

Software Engineer

- **RESTful APIs Integration:** Built RESTful APIs with fast response time of about 150ms using Django REST framework and Express.js
- **Team Collaboration:** Collaborated with a team of Software Engineers to build a messaging system for the company using React.js and Node.js that led to an increased 80% efficiency in message delivery to 30+ employees and 1000+ clients
- **Testing:** Analyzed development requirements with jest, APITestCase, and APIClient to ensure a bug-free code

Upperlink Limited - *Lagos*

2021 - 2022

Software Developer Intern

- **Process Improvement:** Partnered with the training manager in the backend development of a job recruitment application using Node.js, MongoDB, BitBucket and Agile Methodology; achieved an 85% optimal efficiency level

- **Design Implementation:** Worked with fellow interns to design web pages in a Game Review website with HTML, CSS and JavaScript for 100+ platform users

PROJECTS

Plumbit Reservation System

Designed for a local plumbing company, Plumbit streamlines booking plumbing repairs using a microservice architecture. Users can book services, and plumbers receive a dashboard displaying appointments and required parts. Out-of-stock parts generate a procurement list. Microservices communicate via gRPC, with an API gateway handling REST requests from clients.

Tech stack: Python, Node.js, TypeScript, Express.js, MongoDB, PostgreSQL, gRPC, docker, Azure

GitHub: [Plumbit](#)

Student Management Application

Developed a web-based Student Management Application to efficiently manage student records and academic information for an educational institution with features to add, edit, and delete student information, including personal details, courses.

Tech stack: React.js, Django, Django REST Framework, SQL

GitHub: [Frontend](#), [Backend](#)

EDUCATION

Nnamdi Azikiwe University – *Awka*

Bachelor of Engineering – Electronic & Computer Engineering, May 2023

LANGUAGE COMPETENCIES

- **English:** fluent (speaking, reading, writing)
- **Igbo:** native (speaking, reading, writing)
- **French:** intermediate (writing, reading); basic (speaking)