

# Afonne-CID Paul Onyedikachi

## Backend/Fullstack Engineer

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### TECHNOLOGIES AND LANGUAGES

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- Python, JavaScript, ReactJS, C, SQL, HTML, CSS
- Git/GitHub, AWS, MySQL, PostgreSQL, MongoDB, Docker, Unix

### EXPERIENCE

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#### Back-End Engineering Virtual Experience Program | Lyft: October, 2022

- Worked on a software architecture and came up with a clean design for a messy component.
- Refactored a messy system with my new design that allowed for a cleaner, efficiency, and easily extensible code.
- Wrote unit tests for the newly refactored system and added new functionalities using TDD.

#### Software Engineering Student | ALX June 2021 - July 2022

- Underwent a project-based learning with cutting edge curriculum set by industry leaders.
- Participated in code reviews and Peer Learning Days with peers and mentors.
- Graduated after completing 3 sprints and specialization over a 12 months period and a Fullstack portfolio project.

#### Social Payment Hackathon | CredoCentral: May, 2022

- Led a team of 5 to a two-week social payment hackathon and emerged as finalist ten out of hundreds of other teams.
- Built 'SocioPay', a project that enables anyone to send and receive money, to and from other users with only their registered social handle(s).

### PROJECTS

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#### MyRent | Tenant Onboarding and Management Platform (ReactJS, Django, Django Rest Framework, MySQL) - [myrent.com.ng](https://myrent.com.ng)

- Built a web application that automates onboarding of new tenants to a rental property; from allocation, billing, renewal, to management.
- Leveraged Django and Django Rest's auth system to implement secure authentication and sign up
- Unit test coverage of over 70% with React & Python testing libraries.

#### Sabimillionaire | Gamified Learning Platform & All Academics Level Education Suite (Django, Flask, JavaScript, HTML, CSS, JQuery, MySQL) - [sabimillionaire.com.ng](https://sabimillionaire.com.ng)

- Converted client idea into code that works in 30 days.
- Implemented a web app, server and MySQL database for storage with best practices in mind.
- Deployed the project on the web with a responsive interface on a robust backend.

#### Fy-yur | Musical Venue & Artiste Booking Site (ReactJS, Flask, PostgreSQL) - [gifted-jang-9534d2.netlify.app](https://gifted-jang-9534d2.netlify.app)

- Developed a dynamic interface to view, add and modify artists and venues using ReactJS.
- Wrote an API in Flask to handle business logic, and PostgreSQL database for storage.
- Unit test coverage with React & Python testing libraries.
- Handed off a well-documented, modifiable and easily extensible code to client.

#### Afonne Digital | Digital Marketing Blog (WordPress, Flask, MySQL) - [afonne.com](https://afonne.com)

- Built a digital marketing blog that runs parallel on two technologies, WordPress and Flask.

### EDUCATION

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Alx_Africa Software Engineering Programme	Jun. 2021 – July. 2022
Fullstack Web Developer Nanodegree, Udacity	July 2022