

OTONYE HILLARY

Mobile: +2348105966585 | otonye.dev@gmail.com | [LinkedIn](#) | [Otonye's Portfolio](#)

WORK EXPERIENCE

Senior Frontend Developer

Mar 2019 – Aug 2021

NXT-hub, Lagos, Nigeria

- Implemented Mobile application interface in React (NextJs) for application “ReferMe”.
- Lead a team of 3 to develop the architecture for a social media web application named “Spry” using ReactJS.

Fullstack Developer (Contract)

Oct 2022 - Present

HOOAIJ, Lagos, Nigeria

- Using technologies such as Nodejs, Typescript, Prisma/PostgreSQL, I developed unique statistical models and concepts used to evaluate, quantify and predict performance of staff
- I developed reusable UI components using React (NextJs/Typescript), Tailwind CSS, Redux, increasing development speed by 30% and reducing boilerplate code by 40%
- I created a REST API Backend architecture integrated with a database system to store credentials of university staff using Node js, Express js, and PostgreSQL.
- Using Python/Flask and PostgreSQL, I created REST API Backend architecture integrated with a database system for traffic violation detection.
- I worked on traffic violation systems focusing on optimizing video streams for reduced latency in video processing.

Full Stack Developer

Mar 2023 - Nov 2024

VERSATILE SYSTEMS LLC, San-Francisco, USA.

- I developed functional software components using technologies such as Python, NextJs/Typescript, Handlebars, AngularJs, Node/ExpressJs, Mongoddb, JQuery.
- Using DigitalOcean, GCP, and AWS EC2, I created and configured remote VPSs for the backend server and database hosting.
- Using Nginx I configured the domain hostname to the local host on the VPS.

Senior Backend Developer

Oct 2024 - Present

LOUBBY AI (DivVerse Labs), Roundrock, Texas, USA.

- I created a REST API Back-end architecture integrated with a database system to store users’ information using technologies such as Python Flask, SQL-Alchemy, Google Cloud Platform, docker.
- Using the 3Divi image processing library, I collaboratively worked on face identification and face matching APIs
- I thoroughly documented Rest APIs using postman.

OTHER PROJECTS

SCRAWLR

Aug 2022

Social media app for writers

- I lead a team of 4 to create UI for a social media web application using ReactJs and Vite.

CROPPERLITE

Jan 2024

Image processing Package

- I built an NPM package in js that can be used for cropping and resizing images for profile picture or feed uploads. I used technologies such as React, Storybook, and Webpack.

EDUCATION

University of Lagos, Akoka.

Nov 2018 - Oct 2021

- Actuarial Science and Insurance. BSc

AWARDS AND CERTIFICATIONS

- Certificate of excellence in Python Developent, ECX unilag, 2021.
- Certificate of excellence in Frontend Development, ECX unilag, 2021.
- Certificate of excellence in UI/UX Design, ECX unilag, 2021.

SKILLS, TOOLS AND INTERESTS

- Sass/Scss, Tailwind CSS.
- ReactJs, NextJs, Typescript.
- Node / ExpressJS, PostgreSQL.
- Python, Flask, C/C++ (OpenCV)
- Google cloud platform (GCP), AWS, Docker
- Git, Github

