

Osinachi Chukwujama

SOFTWARE ENGINEER

✉ osinachi.chukwujama@gmail.com | ☎ +2348105487627 | 📍 Lagos, Nigeria | 🔗 <https://osinachi.me>
🐙 <https://github.com/vicradon> | 💼 <https://linkedin.com/in/chukwujama-osinachi> | 🐦 <https://twitter.com/vicradon>

Education

Federal University of Technology, Owerri

B.ENG IN MECHANICAL ENGINEERING

GPA: 3.4/4.0

Owerri, Nigeria

January 2018 – August 2023

Work Experience

Patricia Technologies

FRONTEND SOFTWARE ENGINEER

Lagos, Nigeria

July 2021 – Present

- Set up the admin dashboard of the payment management system of the Patricia applications which improved payment management by 80% using React.js, Next.js, and TailwindCSS.
- Significantly enhanced the frontend resilience of the admin dashboard which reduced app crashes in production by 80% by writing component and integration tests using Jest and Playwright.
- Reduced runtime bugs in the production environment of the admin dashboard by porting the JavaScript-based React application to TypeScript.
- Boosted the security of the admin dashboard by 70% by setting up Two-Factor Authentication (Google Authenticator App).

Esettlement Ltd

SOFTWARE ENGINEER INTERN

Lagos, Nigeria

May 2020 – July 2020

- Added accessible forms to the Paycenter customer evaluation application which accelerated data entry by 100% using React and Formik.
- Upgraded the stability of the Paycenter admin application by fixing memory leaks using React hooks.
- Implemented a backend microservice for managing POS customers which improved customer management by 20% using Nest.js framework and TypeScript.
- Documented the backend microservice and new additions to the frontend applications which reduced technical debt by 30% using Confluence wiki tool.

Skills

Programming Languages: JavaScript, Typescript, Python, SQL, PHP

Technologies: vsCode, Docker, Apache Kafka, Azure Web Apps

Frameworks: Next.js, Express.js, Create React App, Adonis.js

Projects

Proctify

AN AI REMOTE PROCTORING TOOL THAT CAN REDUCE THE STRESS OF PROCTORING ONLINE EXAMS BY AUTOMATING THE MONITORING PROCESS WHICH WOULD HAVE BEEN DONE BY HUMAN INSPECTORS.

React.js, Tensorflow.js, AdonisJS, Python

<https://proctify-frontend.vercel.app/>

Mire

A FIN-TECH APPLICATION THAT ALLOWS NIGERIANS IN DIASPORA TO REMIT FUNDS TO THEIR FRIENDS AND FAMILIES IN THE COUNTRY.

React.js, Express.js, Azure Web Apps, PostgreSQL

<https://mire-five.vercel.app/>

Certifications

September
2020

Azure Fundamentals (AZ-900), Awarded for understanding how cloud computing works on Azure and how solutions are built on the cloud.

Microsoft

March 2022

Azure Data Processing Fundamentals (DP-900), Awarded for understanding how data is processed in the cloud with context to Azure.

Microsoft

Volunteering

Microsoft

MICROSOFT LEARN STUDENT AMBASSADOR

<https://studentambassadors.microsoft.com>

January 2020 – September 2023

- Assisted students in learning about Microsoft Technologies by organizing workshops, webinars, and events.
- Collaborated with Cloud Advocates and Microsoft Most Valued Professionals to host events and evangelize Microsoft technologies.
- Organized hackathons that helped students get hands-on in solving problems with technology for good.
- Presented technical talks on Azure to a wide variety of audiences including students and professionals.