Osinachi **Chukwujama**

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Work Experience

Patricia Technologies
Lagos, Nigeria

FULL-STACK SOFTWARE ENGINEER
July 2021 – June 2023

- Implemented and optimized the admin dashboard of the crypto payment management system for the Patricia applications using React.js, Next.js, and TailwindCSS, resulting in an 80% improvement in payment management.
- Wrote and documented CRUD APIs related to customer payments on the Vaunt Laravel application
- Implemented logging and monitoring using Sentry which helped identified bugs in the application, improving uptime by over 25%.
- Increased the security of the payment admin dashboard by 70% by implementing token-based Two-Factor Authentication, ensuring secure access to the payment system.
- Refactored the data fetching layer of the application to use React Query, resulting in a reduction of duplicated code and improved performance.
- Successfully enhanced the frontend resilience of the crypto payment management system by writing component and integration tests using Jest and Playwright, reducing app crashes in production by 90%.
- Reduced runtime bugs in the production environment of the payment management system by porting the JavaScript-based React application to TypeScript, ensuring smoother performance, type-safety and efficient debugging.

Generative CAD Services
Lagos, Nigeria

SOFTWARE ENGINEER
December 2021 – June 2022

- Developed the landing page, about page, and contact page of the company's website which improved online presence by 80%.
- Authored a learning platform for the company which improved knowledge sharing by 100% using Next.js, Postgresql, Laravel, Redis, and Typescript.
- Built software plugins using WebAssembly that allows viewing of 3D models on the main website frontend which improved user engagement by 60%.
- Worked on the SEO of the main website to increase organic visits by 100% using SEO tools and meta tags.

Esettlement Ltd
Lagos, Nigeria

SOFTWARE ENGINEER INTERN
May 2020 – July 2020

- Enhanced the performance of the Paycenter admin application by 67% by fixing memory leaks from state transition between pages.
- Add new components such as modals and PDF export to the Paycenter admin app that allowed for easier customer POS application review.
- Revamped the ease of data access for agents of the Paycenter admin app through a backend Microservice built using Nest.js and TypeScript, thereby improving the ease of using the application by 75%.
- Improved the onboarding experience for new developers of the Paycenter admin app by documenting features in the Confluent wiki tool thereby reducing onboarding time by 80%.

Microsoft (Volunteering)
Owerri, Nigeria

MICROSOFT LEARN STUDENT AMBASSADOR
January 2020 – August 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 envangelize Microsoft technologies.
- Organized hackathons that helped students gets hands-on in solving problems with technology for good.
- Presented technical talks on Azure to a wide variety of audiences including students and professionals.

Skills

Programming Languages: PHP, SQL, Python, SQL, Javascript, Typescript, Go, Dart, Ruby
Technologies and Tools: Git, AWS, Google Cloud Platform, Azure, Docker, Figma, Cypress, Playwright, Postgresql, Deno
Frameworks: Laravel, Lumen, Symphony, Express.js, Nest.js, React.js, Flutter, Ruby on Rails
Soft Skills: Technical Writing, Communication, Presentation, Critical Analysis, Attention to detail
Other: SDK development, Microservices Architecture, Kubernetes, Software Integrations, Open source

Projects

Polls-API
Laravel, PHP, MySQL, Eloquent ORM

AN API FOR CREATING AND MANAGING POLLS
https://github.com/vicradon/polls-api

Proctify

AN AI REMOTE PROCTORING TOOL THAT USED FOR PROCTORING REMOTE ONLINE EXAMS.

YoloV5, Typescript, JavaScript, React.js

http://proctify-frontend.vercel.app/

Mire

A FINTECH APP THAT ALLOWS PEOPLE IN THE DIASPORA TO SEND MONEY TO THEIR LOVED ONES IN NIGERIA

Adonis.js, Node.js, Next.js, Azure

https://mire-five.vercel.app

AnonMsg

AN ANONYMOUS MESSAGING APPLICATION THAT PEOPLE CAN USE TO RECEIVE MESSAGES FROM FRIENDS

Next.js, Firebase

https://tbh.ink

Minigrep

A MINI VERSION OF THE GREP TOOL WRITTEN IN RUST

Rust

https://github.com/vicradon/minigrep

Marv Chatbot

A CHATBOT BUILT BY INTEGRATING OPENAI'S APIS

Next.js, Axios, OpenAI's APIs

https://github.com/vicradon/marv-chatbot

Greedy Hunter

A GAME WHERE ONE HAS TO EAT ALL THE FOOD BEFORE THEY RUN OUT OF MOVES

React.js, CSS, SASS

https://github.com/vicradon/greedy_hunter

Education

Federal University of Technology, Owerri

MECHANICAL ENGINEERING IN INDUSTRIAL AND PRODUCTION ENGINEERING
GPA: 4.52

Owerri

Nov 2017 – August 2023

Certifications

Sept 2020	**Azure Fundamentals (AZ-900)**, Demonstrated proficiency in cloud computing on Azure and solutions built on the cloud, resulting in achieving the Microsoft AZ-900 certification.	*Microsoft*
March 2022	**Azure Data Fundamentals (DP-900)**, Awarded the Microsoft DP-900 certification for demonstrating proficiency in data technologies and tools on Azure.	*Microsoft*
March 2022	**Azure AI Fundamentals (AI-900)**, Awarded the Microsoft Azure AI-900 certification for demonstrating proficiency in the use of AI services on Azure.	*Microsoft*