Osinachi **Chukwujama**

✉ osinachi.chukwujama@gmail.com | ☐ +2348105487627 | 📍 Lagos, Nigeria | 🔗 https://www.osinachi.me/

Education

Federal University of Technology, Owerri   *Owerri*
MECHANICAL ENGINEERING IN INDUSTRIAL AND PRODUCTION ENGINEERING   *Nov 2017 – August 2023*
GPA: 4.56/5.0 (First Class)

Skills

Programming Languages: PHP, SQL, Python, SQL, Javascript, Typescript, Go
Technologies and Tools: Git, AWS, Google Cloud Platform, Azure, Docker, Figma, Cypress, Playwright, Postgresql
Frameworks: Laravel, Lumen, Symphony, Express.js, Nest.js, React.js
Soft Skills: Communication, Presentation, Critical Analysis, Technical Writing, Attention to detail

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%.

Open Source Projects

Polls-API   *Laravel, PHP, MySQL, Eloquent ORM*
AN API FOR CREATING AND MANAGING POLLS   *https://github.com/vicradon/polls-api*

Proctify   *YoloV5, Typescript, JavaScript, React.js*

AN AI REMOTE PROCTORING TOOL THAT USED FOR PROCTORING REMOTE ONLINE EXAMS.   *http://proctify-frontend.vercel.app/*

Network Tools

JavaScript, Python, Rust

A COLLECTION OF TOOLS WRITTEN IN PYTHON, JAVASCRIPT, AND RUST FOR DOING NETWORKING-RELATED COMPUTATION.

https://github.com/vicradon/network-tools

AnonMsg

Next.js, Firebase

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

https://tbh.ink

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*