

# Osinachi Chukwujama

FRONTEND SOFTWARE ENGINEER

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## Work Experience

### Patricia Technologies

Lagos, Nigeria

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July 2021 – Present

- 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.
- 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.
- Increased the security of the payment admin dashboard by 70% by implementing Two-Factor Authentication (Google Authenticator App), 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.

### Esettlement Ltd

Lagos, Nigeria

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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%.

### 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, 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.

## Skills

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

**Technologies and Tools:** Git, AWS, Google Cloud Platform, Azure, Docker, Figma, ReactQuery, WebSockets, Cypress, Playwright, Jest

**Frameworks:** Next.js, Express.js, Nest.js, Laravel

**Soft Skills:** Communication, Presentation, Critical Analysis, Technical Writing

## Projects

### AnonMsg

Next.js, Firebase

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

ANONYMOUSLY

<https://tbh.ink>

### Mire

Next.js, AdonisJS, Azure

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

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

### Proctify

Javascript, Typescript, Python, Tensorflowjs

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

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

## Education

### Federal University of Technology, Owerri

Owerri, Nigeria

B.ENG IN MECHANICAL ENGINEERING

January 2018 – December 2022

GPA: 4.44/5.0

## Awards

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