Osinachi **Chukwujama**

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Work Experience

Patricia Technologies   *Lagos, Nigeria*
FRONTEND SOFTWARE ENGINEER   *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.

Draft.dev   *Chicago, Illinois (Remote)*
TECHNICAL WRITER (CONTRACT)   *May 2021 – Present*
- Improved developer success of software and data engineers by crafting how-to guides and tutorials on data engineering topics.
- Built demos for technical articles using React.js, JavaScript, Docker, and Java.
- Improved technical correctness of articles by suggesting edits to other technical writers.
- Made research on similar technologies and perform benchmark tests to discover the technology best suited for several different applications.

Skills

Programming Languages: JavaScript, Typescript, Python, SQL, PHP, Go
Technologies and Tools: Git, AWS, Google Cloud Platform, Azure, Docker, Figma, ReactQuery, WebSockets, Cypress, Playwright, Je
Frameworks: Next.js, Express.js, Nest.js, Laravel
Soft Skills: Communication, Presentation, Critical Analysis, Technical Writing

Projects and Writing

AnonMsg   *Next.js, Firebase*
AN ANONYMOUS MESSAGING APPLICATION THAT PEOPLE CAN USE TO RECEIVE MESSAGES FROM FRIENDS   *https://tbh.ink*

Mire   *Next.js, Adonis.js, 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/*

Replicate Data from a PostgreSQL Database to Snowflake   *Airbyte, Postgresql*
THIS TECHNICAL ARTICLE FEATURES A MIGRATION PROCESS WHERE DATA IS COPIED FROM A POSTGRESQL DATABASE   *https://airbyte.io/recipes/postgresql-*
ON A SERVER TO A SNOWFLAKE DATALAKE. THE TOOL USED IS AIRBYTE AND THE CLIENT IS ALSO AIRBYTE.   *database-to-snowflake*

Microservices Architecture | Ultimate Guide & Tutorial
THIS IS A TECHNICAL OVERVIEW OF THE MICROSERVICES ARCHITECTURE. IT EXPLAINS ALL THE BITS LIKE WHY
MICROSERVICES ARE USED AND THE WAYS THE ARCHITECTURE COULD BE IMPLEMENTED. THE CLIENT WAS   *https://www.containiq.com/post/microservices-*
CONTAINERIQ.   *architecture*

How to integrate Kafka Streams with Redpanda   *Java, Apache Kafka, Kafka Streams, Redpanda*
THIS TECHNICAL ARTICLE FEATURES THE USE OF A KAFKA STREAMS APPLICATION TO PERFORM DATA AGGREGATION.   *https://redpanda.com/blog/kafka-*
THE CLIENT WAS REDPANDA.   *streams-redpanda/*

Education

Federal University of Technology, Owerri   *Owerri*
Mechanical Engineering in Industrial and Production Engineering   *Nov 2017 – August 2023*
GPA: 4.52

Certifications

Sept 2020   **Azure Fundamentals (AZ-900)**, Demonstrated proficiency in cloud computing on Azure and   *Microsoft*
solutions built on the cloud, resulting in achieving the Microsoft AZ-900 certification.

March 2022   **Azure Data Fundamentals (DP-900)**, Awarded the Microsoft DP-900 certification for   *Microsoft*
demonstrating proficiency in data technologies and tools on Azure.

March 2022   **Azure AI Fundamentals (AI-900)**, Awarded the Microsoft Azure AI-900 certification for   *Microsoft*
demonstrating proficiency in the use of AI services on Azure.