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 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.

Draft.dev   *Chicago, Illinois (Remote)*
TECHNICAL WRITER (CONTRACT)   *May 2021 – Present*
- Produce high-quality, developer-focused blog posts for clients like Jetbrains, Synk, Redpanda, and Containeriq, covering diverse technical topics, programming languages, frameworks, and best practices, thereby increasing developer success.
- Create detailed API documentation and integration guides for various clients when working on project-based technical articles to ensure that readers are able to flow seamlessly with the projects on Github.
- Develop expertise in specific technologies and platforms such as Azure AD, Hygraph, and Redpanda on behalf of clients, becoming a go-to writer for certain technical subjects within the clients' content offerings, researching and immersing in specific technical domains to provide authoritative content that showcases clients' expertise.
- Stay current with industry trends, emerging technologies, and developer communities to ensure the relevance of clients' content, continuously monitoring the ever-evolving technical landscape for relevant topics, and maintaining clients' status as cutting-edge resources for up-to-date technical information.

Various Projects
OPEN-SOURCE TECHNICAL WRITER   *July 2019 – Present*
- Worked on making projects usable and understandable by writing technical documentation on how to use them
- Revamped the documentation on an AI-Search tool: WikiEducation. Link: https://github.com/sammychinedu2ky/Wiki-Education

Skills

Programming Languages: JavaScript, Typescript, Python, SQL, PHP, Go
Technologies and Tools: Git, AWS, Google Cloud Platform, Azure, Docker, Figma, Cypress, Playwright, Postgresql
Frameworks: Next.js, Express.js, Nest.js, Laravel
Soft Skills: Communication, Presentation, Critical Analysis, Technical Writing, Attention to detail
Technical Writing Tools:: Ahrefs Webmaster Tools, Google Search Console, Google Trends

Technical Articles and Developer Projects

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/*

AnonMsg

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

Next.js, Firebase
https://tbh.ink

Mire

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

Next.js, Adonis.js, Azure
https://mire-five.vercel.app

Proctify

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

Javascript, Typescript, Python, Tensorflowjs
http://proctify-frontend.vercel.app/

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*