**Blessing Ajibero**

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**EDUCATION**

**Master of Science – Artificial Intelligence |** University of the Cumberlands, Williambsburg 2024- Present

**Master of Science – Computer** **Science** | Louisiana State University, Baton Rouge, Louisiana

**Bachelor of Science – Computer Information Technology** | Oral Roberts University, Tulsa, Oklahoma

**PROFESSIONAL EXPERIENCE**

**Senior Software Engineer -** *Trane Technologies* *| Marietta, Ohio*                                                                                Jan 2023 – Oct 2024

* Delivered a 10x improvement in web application performance by architecting and implementing highly efficient data retrieval solutions with React, Node.js, and .NET on Azure App Service.
* Improved life science operations by deploying remote monitoring and predictive maintenance solutions for low-temperature freezers storing vaccines for Pfizer and Movianto.
* Architected and deployed secure, scalable, and resilient infrastructure in Azure for internal tools using best practices.
* Automated the build, test, and deployment processes by setting up CI/CD pipelines using Azure DevOps
* Implemented Azure policy and RBAC to enforce security standards and ensure compliance with regulatory requirements.
* Utilized MSSQL for data storage and employed Entity Framework as an ORM for the MVC application.
* Led data migration projects, performing comprehensive data cleaning and transformation with Python, significantly reducing downtime and latency.

**Specialist Programmer –** *Infosys Limited | Richardson, Tx*  Dec 2021 – Feb 2023

* Maintained newly developed and existing feature for an external web application utilizing AWS Infrastructures.
* Set up AWS Infrastructure using Terraform as IAAC for Dev, QA and Prod environment.
* Involved in agile development best practices using JIRA and Confluence
* Experienced in using Jenkins as CI/CD tools to setup scheduled and automated deployment
* Migrated a legacy web application from .Net to Node JS broken into microservices and database from MSSQL to DynamoDB.
* Perform ETL process for data migration from SQL to DynamoDB with an internal ETL utility tool built from scratch.
* Experienced in writing automation scripts and creating test cases for API testing using chai, Mocha and Pytest
* Integrated serverless services and functions using API gateway, Lambda, Elasticsearch and S3.
* Utilized tools CloudWatch for monitoring, logging, and providing detailed insights into app performance and issues.

**Full Stack Developer –** *Freelance*Sept 2021 – Dec 2021

* Deploy solution-oriented web applications using MVC model for clients.
* Implemented API integration for ecommerce websites and payment platforms using Laravel and PHP.
* Increased user engagement by 20% on web applications developed with React and Python, as tracked by Google Analytics.

**Graduate Assistant -** *Louisiana State University | Baton Rouge, Louisiana*Aug. 2019 – Aug. 2021

* Developed new features for a portal utilized by pre-medical students for their medical school applications.
* Designed a user-friendly admin dashboard to help the coordinators easily access the students’ applications efficiently
* Migrated old applications from PHP 4 to PHP 8 and replaced all deprecated methods to improve web performance

**Web Developer** **-** *Zealhosts Consulting Limited | Lagos, Nigeria*Jan 2019 – Jun. 2019

* Liaised with a backend developer to build a registration portal with a reliable database model using MySQL for implementation.
* Coordinated the development process from planning to design and to production as team lead.

**Software Developer Intern**- *Imaginarium Global Creative | Lagos, Nigeria* Feb. 2018 – Dec. 2018

* Transformed designs from UI/UX team into mobile responsive and user- friendly web pages in an agile team structure
* Deployed and tested web applications that involved using Restful APIs.

**Academic Peer Tutor** - *Oral Roberts University Tulsa, Oklahoma* Aug. 2014 – Apr. 2017

* Dedicated 6 hours per week tutoring students in science and mathematics-based subjects
* Dedicated 10 hours per week to tutoring students in introductory and intermediate level of Java.
* Graded an average of 25 programming assignment per week

**SKILLS**

**Programming Language**: JavaScript, TypeScript, PHP, DotNet, Python, MSSQL, MongoDB, GraphQL, Laravel, React, Node JS, Flutter, Bootstrap, Tailwind CSS, CSS, HTML

**Software Services:** Eclipse, Android, XCode, VSCode, Photoshop, Illustrator, Familiar with Git version control, API Integration, AWS cloud services (EC2 instance, Elastic Beanstalk, Lambda, API Gateway, Cloud Watch, IAM configuration and S3 Bucket), Jenkins, Terraform, Docker containers and OAuth2.

**Certification:** AWS Certified Developer – Associate, AWS Certified Solutions Architect – Associate, Google Cloud Digital Leader

**HONORS & RECOGNITION**

Dean’s List, President’s list, Who’s Who Among Students in American Universities and Colleges, NSBE 2021 APEx TorchBearer, Society of Women in Engineering, Google Women Techmaker Ambassador