

Blessing Ajibero

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EDUCATION

Master of Science – Artificial Intelligence | University of the Cumberland, Williamsburg 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