

SUNDAY AJIROGHENE

+234-8064107055 | sunny@ajiozi.com | [Ajiozi](#)

SKILLS

MACHINE LEARNING | ML & DL • Neural Networks Architecture • Regression, Classification & Recommendation Systems • Critical Thinking & Problem Solving
FRONT END DEV | ReactJS • NextJS • Context-API • Redux • JavaScript • Bootstrap
Material UI • Styled-Component • HTML • CSS • Materialize • Tailwind
BACKEND DEVELOPMENT | Python • fastAPI • Flask • ExpressJS • NodeJS • NestJS
IoT DEVELOPMENT | C/C++ • FreeRTOS • PlatformIO • Arduino • Embedded
DATA PIPELINES | Amazon Redshift • Amazon EFS • Amazon FSx • S3
MISCELLANEOUS | • Responsive Design • Amazon AWS • Amazon IoT Core •
AWS ML • AWS Solution Architect • MongoDB • RESTful APIs • Docker • CI/CD • MQTT

EXPERIENCE

AJIOZI | Python, Flask, NodeJS/Express, Machine Learning, Recommendations
Software Engineer | June 2018 – Present, Delta

- Enhanced cancer detection by 15% through a Hybrid ML Framework: Integrated Random Forest and fine-tuned LLM (BioBERT), delivering a flask-React software solution for personalized medical advice, advancing precision medicine.
- Led the development and maintenance of zivaMart flagship e-commerce platform, ensuring a seamless user experience across all devices
- Led Technical architecture discussions with Ajioz's and Amazon API teams and designed user experience service in collaboration with the Amazon Gateway team
- Built a data pipeline with Amazon Redshift and Amazon EFS to use offline data, thereby limiting traffic for Ajioz's Choice Service and eliminating scalability issues
- Implemented automation for multiple device discovery, authentication, authorization, and secure communication of devices with the cloud infrastructure, and labelling devices with unique topic identities to improve Ajioz's IoT fleets
- Built an extensible 'filters' module to update digital twin device/topic from the final dataset.

SabiSabi Market | ReactJS, Nextjs Redux, MUI, HTML/CSS, Styled-component
Technical Lead | Dec 2024 – Present (*Remote*)

- Led a team of 8 developers and QA engineers, fostering a collaborative environment that reduced sprint
- Directed the end-to-end development of a cloud-based SaaS platform (React.Node.js/AWS), delivering the project 3 weeks ahead of schedule and a 15% under budget.
- Partnered with product project managers to refine requirements, ensuring alignment with business goals and reducing future rework by 20%
- Enforce rigorous code reviews and automated testing, slashing post-release defects by 35% and enhancing maintainability.

UDACITY | USA | External Contractor
Session Lead | May 2022 – Oct. 2024 (*Remote*)

- Conducted weekly Connect sessions with students, resulting in a student learning experience of 81%.
- Responded to students' technical inquiries on subject matters and guided them to a better learning experience resulting in 80% learning retention.
- Provided data-driven insights to project management on learning effectiveness, resulting in a 56% increase in learner engagement and course completion rates.
- Established an open-source project and managed the same for a production build, resulting in students' skill and confidence level by 79%.
- Put together a high-quality, elegant roadmap, for the open-source project and drove the development from start to finish, leading to an increase in revenue by 7%.

EDUCATION

UNIVERSITY OF BENIN
ELECTRONIC & COMMUNICATION
M.S., In Electrical Engineering
Dec 2017 | UNIBEN
Grade: 4.7/5.0

DELTA STATE UNIVERSITY
ELECT/COMPUTER ENGINEERING
Bachelor In Engineering
Dec 2012 | DELSU
Grade: 4.43/5.0

UDACITY
SOFTWARE ENGINEERING
Full Stack Software Engineering
Dec 2022

HONORS AND AWARDS
Agbami Scholarship Award | for top tiers academic performance students | Chevron | 2010 | Nigeria

Etisalat Academic Excellence Award | top 1% academic performance student in class | Etisalat | 2011 | Nigeria

Best Graduate Student in Computer Engineering | 2012 | Nigeria

Fourth in the NCC National Innovation Competition | 2019 | Nigeria

COURSEWORK

Data Structure and Algorithm
Developing Cross-Platform Mobile Apps – React Native
Full Stack Web Development
Python 3 and applications
AWS Machine Learning
Data mining
Applied Statistics
Linear Algebra
Differential Equation
Embedded Systems: Electronic Design

INTERESTS

Travelling • Fitness • Nutrition
• Self-development • Sporting