

SUNDAY AJIROGHENE

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SKILLS

FRONT END DEVELOPMENT | ReactJS • NextJS • Context-API • Redux • JavaScript • Bootstrap • Material UI • Styled-Component • HTML • CSS • Materialize • Tailwind

BACKEND DEVELOPMENT | Python • Flask • ExpressJS • NodeJS • NestJS

IoT DEVELOPMENT | C/C++ • FreeRTOS • PlatformIO • Arduino • Embedded

DATA PIPELINES | Amazon Redshift • Amazon EFS • S3

MISCELLANEOUS | • Responsive Design • Amazon AWS • Amazon IoT Core • AWS ML • AWS Cloud Architect • MongoDB • RESTful APIs • Docker • CI/CD • MQTT

SOFT SKILLS | Team player • Bias for Action • Deliver results

EXPERIENCE

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

- Led the development and maintenance of [hubSandy](#) 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.

Experiments altogether generated more than 34% incremental revenue for Ajiozi and played a pivotal role in achieving the annual team goal

SKYIT VENTURES | ReactJS, Redux, MUI, HTML/CSS, Styled-component
Front End Engineer | Nov 2020 – 2024 (*Remote*)

- Designed and implemented reusable UI components using React to promote code maintainability and consistency.
- Implemented Agile project management methodologies and tracked progress using the Jira project management tool; this streamlined collaboration and contributed to a notable 23% boost in team productivity.
- Collaborated with backend developers and designers to deliver features on time and within budget.
- Integrated enhancements into web design to improve user stickiness, smooth functionality, and boost load times by 60%.

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