

Isaiah Ekundayo

Akron, OH

+1-330-809-8382 ✉ Isaiahekundayo17@gmail.com [LinkedIn](#) <https://github.com/Ekundee/>

SUMMARY

I am a Certified Amazon Software Engineer with expertise in developing efficient web and mobile applications, improving system performance, and solving operational issues. Excels in leading projects that enhance user experience and increase revenue, supported by solid skills in C++, Python, and data structures. Currently advancing knowledge with a master's degree in Computer Science, eager to contribute to Amazon by delivering innovative software solutions as a Software Development Engineer Intern.

CORE COMPETENCIES

- **Software Development:** Responsive Web Development, Mobile Application Development, Desktop Application Development
- **Database Management:** Database management, Relational databases, NOSQL databases.
- **Technical Skills:** Programming Experience, Object-oriented design, Data structures, Algorithm design, Complexity analysis, Computer Science fundamentals, Distributed systems, Multi-tiered systems, Linear programming, Microsoft Office Skills, Machine learning.
- **Languages & Frameworks:** C#, JavaScript, Python, C++, Java, php/Laravel, ReactJS, NestJS/NodeJS, .NET, TensorFlow, HTML, CSS, Sklearn.
- **Certifications:** AWS Solutions Architect Associate, Microsoft DevOps Engineer Expert, Microsoft Azure Developer Associate, Coursera Excel Skills for Business, Coursera Methods of Solving Problems, LinkedIn SQL for Data Analysis.

RELEVANT WORK EXPERIENCE

DEPARTMENT OF COMPUTER SCIENCE, UNIVERSITY OF AKRON | *Teaching Assistant* Aug 2024 - Present

- Conducted practical C++ programming lab sessions for 70+ students, enhancing their understanding of programming fundamentals and algorithm design.
- Provided one-on-one assistance to undergraduate students during office hours, improving their grasp of programming constructs like data structures, code readability, and optimization.
- Assisted faculty in developing lab exercises and rubrics, contributing to a more effective evaluation of students' programming skills in C++ and Software Engineering.
- Graded lab exercises for 150+ students in C++ and Software Engineering, ensuring accurate performance assessment.

RUBIES MICROFINANCE BANK | *Software Engineer* Feb 2024 - Aug 2024

- Spearheaded the development of the Rubies Microfinance Bank app using React Native, facilitating seamless transactions for 10,000+ users with an improved user experience.
- Improved the application's navigation speed by over 40% by fixing a critical bug, significantly enhancing performance and user experience.
- Leveraged third-party solutions like Zoho to automate customer support processes, thereby increasing customer satisfaction.

QUCOON (AWS Rising Star Partner of the Year in Consulting, 2024) | *Software Engineer* Jan 2024 - Aug 2024

- Developed sleek user interfaces that secured contracts from major enterprises in Nigeria like the Nigeria Interbank Settlement System (NIBSS), First Bank of Nigeria, and more.
- Refactored and optimized web applications to boost speed and performance and reduce load time for the site users.
- Deployed web applications to Amazon Web Service (AWS) cloud using minimal resources to reduce the cost of hosting applications.

ERRAND-PAY | *Software Engineer* Jul 2022 - Jan 2024

- Spearheaded the development of multiple finance features like the Point-of-Sale machine purchase and tracking feature, user black-listing feature, and user float request feature, which increased revenue by over 120% in 2 years.
- Developed an application load balancer using .NET 6.0 to efficiently route customer requests across multiple server instances.
- Integrated multiple third-party payment solutions using NodeJS to extend the functionality of the application.
- Tested and documented APIs while resolving application bugs reported by customer support to ensure total customer satisfaction.

EDUCATION

University of Akron | *Ohio, US* Aug 2024 – May 2026

Master of Science, Computer Science

- **Achievements:** CGPA - 4.0/4.0

Covenant University | *Lagos, Nigeria* Sept 2019 - Aug 2023

Bachelor of Science, Computer Science

- **Achievements:** CGPA - 4.72/5.0

PROJECTS

Learn Fusion

- A data integration platform aggregating courses from Udemy, Coursera, and YouTube into a unified and user-friendly schema.

Movie Review Analyzer

- A movie review sentiment analyzer incorporating reviewers' age as a feature to generate insights and visualizations.

Kiwi-pay

- Hackathon winning finance budgeting application that studies and adjusts to user's spending data.