

Isaiah O. Ekundayo

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EDUCATION

University of Akron <i>M.Sc. in Computer Science, GPA: 4.0/4.0</i> <ul style="list-style-type: none">◦ Coursework: Software Ecosystems, Data Integration, Graph Analytics, Advanced Computing, Advanced Algorithms	Ohio, United States Aug 2024 – May 2026
Covenant University <i>B.Sc. in Computer Science, GPA: 3.8/4.0</i> <ul style="list-style-type: none">◦ Coursework: Data Structures & Algorithms, Software engineering, Database management, Data Integration, Graph Analytics, Advanced Computing, Data Structures & Algorithms, Object-Oriented Programming, Computer Organization and Architecture	Ogun, Nigeria Sep 2019 – Aug 2023

WORK EXPERIENCE

University of Akron <i>Teaching Assistant</i> <ul style="list-style-type: none">◦ Taught C++ lab exercises to 70+ students, improving programming fundamentals and contributing to a 20% increase in student performance, and provided one-on-one support on data structures, code readability, and optimization, enhancing students' understanding and coding proficiency.	Ohio, United States Aug 2024 – Present
Rubies Microfinance Bank <i>Software Engineer</i> <ul style="list-style-type: none">◦ Led the development of the Rubies Microfinance Bank app using React Native, enabling seamless transactions for 10,000+ users and boosting engagement and retention.◦ Fixed a critical bug that improved navigation speed by 40%, enhancing performance and user experience, leading to higher customer satisfaction.	Lagos, Nigeria Feb 2024 – Aug 2024
Qucoon <i>Software Engineer</i> <ul style="list-style-type: none">◦ Developed sleek user and admin web applications using ReactJS that secured contracts from major Nigerian enterprises, including the Nigeria Interbank Settlement System and First Bank of Nigeria, resulting in significant business growth.◦ Improved and deployed web applications to AWS Cloud using Docker, enhancing speed, performance, and availability, which resulted in an improved user experience and increased site engagement.	Lagos, Nigeria Jan 2024 – Aug 2024
Errandpay LTD <i>Software Engineer</i> <ul style="list-style-type: none">◦ Led development of finance features such as Point-of-Sale machine purchase and tracking, user black-listing, and user float request using NodeJS and .NET Framework, which contributed to a 120% revenue increase over 2 years by enhancing transaction efficiency and improving user experience.◦ Developed and deployed an application load balancer using .NET Framework and SQL server, successfully routing customer requests across multiple server instances, which improved system performance ensuring high application availability.	Lagos, Nigeria Jul 2022 – Jan 2024

PUBLICATION & PROJECTS

- **Investigating the Impact of Age and Gender on Sentiment in Movie Reviews (AIR-RES, 2025):** This study highlights the importance of incorporating demographic data in sentiment analysis of movie reviews.
- **Hack-It Challenge (2023): “Kiwi-pay”:** Developed a Hackathon-winning finance budgeting application that studies and adjusts to users' spending data using ReactJS, NodeJS, and Scikit-Learn.
- **Data Integration Project: “Learn-fusion”:** Developed a data integration platform aggregating courses from Udemy, Coursera, and YouTube into a unified and user-friendly schema using ReactJS, NodeJS and PostgreSQL

HONORS & AWARDS

- **First Class Honors:** Graduated in the top 10% of my class with a 3.8/4.0 GPA
- **Hack-It Challenge (2023):** Led the winning team, KiwiPay, in the 2023 #HackItChallenge, developing a financial discipline app with daily deposit limits, spending tracking, and machine learning-based limit suggestions
- **Most Industrious Boy (2019):** Served as the male Labor Prefect, ensuring cleanliness throughout my high school through bi-weekly and monthly cleaning exercises.
- **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

SKILLS

- **Languages:** Python, Javascript, C++, C#, HTML/CSS, ReactJS, NodeJS, NextJS, React Native, Tensorflow
- **Technologies:** Git, MySQL, MongoDB, SQL Server, Flask, AWS, Azure, Fastapi, Docker, Linux, Unix
- **Other Skills:** Responsive Web Desgin, Mobile Application Development, Database management, Team-work, Leadership, Communication, Machine Learning