

Nnamdi Kelvin Ikenna-Obi

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EDUCATION

Auburn University
Bachelor of Science in Computer Science

Auburn, AL
December 2023

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, SQL, PHP, Java, HTML, CSS, C/C++, C#, R, Ruby
Tools/Frameworks: React JS, Node JS, Express, Git & GitHub, Java Swing, REST API's, AWS Cloud, Docker, Kubernetes, ServiceNow, Microservices, Azure Cloud, Linux OS, X Code
Databases: MySQL, PostgreSQL, SQLite, Firebase
Networking: TCP/IP, UDP, DNS, DHCP, Socket API's

EXPERIENCE

Front-End Developer – FICOM Technologies **February 2024 – Present**

- Developed user interface components for the FICOM application, creating a visually appealing and functional UI using React JS and the Material UI library to bring design mockups to life.
- Enhanced user experience by implementing key front-end features focusing on responsive design, intuitive navigation and interactive elements to ensure an engaging user experience.
- Collaborated closely with the backend team to ensure seamless integration between the frontend and backend systems, addressing technical challenges and synchronizing data flow and functionality.

Software Engineer – One Community Global **January 2024 – Present**

- Developed key features for One Community's Highest Good Network Application using JavaScript and the React JS framework.
- Seamlessly integrated new features, improved application performance and enhanced code quality, positively impacting user experience and the efficiency of the HGN application.
- Collaborated with team members to address technical challenges and optimize performance.
- Reviewed and provided constructive feedback on GitHub pull requests, ensuring high-quality code integration.

Research Software Engineer – Auburn Program Understanding Lab **May 2023 – December 2023**

- Contributed to the development of Oxide, a complex binary analysis framework for performing analysis of executable code.
- Expanded Oxides functionality by developing new plugins and modules using python, strengthened system reliability with unit tests, and improved the frameworks documentation.
- Strengthened Oxides system reliability by writing comprehensive Python unit tests for each system module.
- Revised and improved Oxides documentation, making the framework more accessible and effective for users.

Learning Consultant (IT) – Auburn University Biggio Center **June 2022 – December 2023**

- Supported faculty and students in using various classroom technologies crucial for effective teaching and learning.
- Resolved IT issues related to classroom technologies, providing prompt and efficient support.
- Managed and updated problem tickets in ServiceNow to reflect their status accurately.
- Maintained high levels of user satisfaction, and contributed to the smooth operation of the Biggio Center's IT services.

PROJECTS

Nnamdixobi.com – React JS | JavaScript | HTML | CSS

- Developed a dynamic personal portfolio website using React JS, emphasizing modern UI/UX principles, cross-device compatibility, and enhanced user engagement.

Online Shopping System – Java | Java Swing | SQL | RESTful API | Microservices

- Created an online shopping system in Java featuring user authentication, role-based access control, SQLite data storage, and integrated RESTful web server and Java microservices for core functionalities.

File Transfer Protocol (FTP) Service – C++ | Socket API | UDP

- Implemented an FTP service over the UDP transport service in C++, executed on a Linux system, ensuring reliable data transfer and segmentation for efficient client-server communication.

LEADERSHIP & INVOLVEMENT

President - Auburn University Web Development Club **Spring 2022 - Fall 2023**

- Curated and organized web development content and projects for weekly meetings, engaging over 20 members through interactive presentations, hands-on learning activities, and fostering collaborative initiatives.

Secretary - Association of Computing Machinery Auburn University **Fall 2022 - Spring 2023**

- Facilitated organizational operations by sending out weekly email updates to over 100 members, contributing to outreach initiatives, and assisting in the strategic planning and execution of events.