OLANIYAN FOLAJIMI

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EDUCATION

BOWEN UNIVERSITY — Iwo, Osun

Bachelor of Science — November 2024

Major in Computer Science

Cumulative GPA: 4.71/5.0.

Relevant Coursework: Software Engineering, Operating Systems, algorithms, Artificial Intelligence, System Design, Computer Science I, Computer Science II, Computer Science III, Calculus I, Calculus II, Calculus III, Discrete Structures, Applied Data Structures, and Software Development Studio UNIX/Linux lab.

WORK EXPERIENCE

HYPERLINK TECHNOLOGIES. (8-employee venture-backed recruitment startup) — Surulere, Lagos

Networking Intern — Jan 2022 – Mar 2022

- Configured routers, switches, firewalls, and other network devices.

- Streamlined network-related processes by creating detailed technical documentation and implementing standardised operating procedures, leading to a 30% decrease in resolution time and a 20% increase in overall team productivity.

- Orchestrated cross-functional collaboration to streamline operations, resulting in a 20% reduction in production time and saving 100+ labour hours per week.

- Contributed to designing, implementing, and maintaining 10+ computer network infrastructures, resulting in improved reliability, a 20% decrease in network-related incidents, and enhanced user experience.

LAWMA (LAGOS WASTE MANAGEMENT AUTHORITY) – ICT DEPARTMENT — Ijora-Olopa, Lagos

Full-stack Developer Intern (MERN) — Aug 2022 – Oct 2022

- Worked with other seasoned developers in designing and implementing web applications using the MERN stack.
- Utilized React.js to develop dynamic user interfaces with reusable components.
- Worked with version control tools like Git and GitHub to manage the codebase and collaborate with team members.
- Developed RESTful APIs using Node.js and Express.js for efficient data transfer between the front and back ends.

XPRESS PAYMENTS — Ikeja, GRA, Lagos

Front-end developer intern (ReactJs) — Aug 2023 – Oct 2023

- Collaborated closely with seasoned developers to design and implement a dynamic payload application, contributing to the development of a robust system capable of accurately processing and calculating salaries for all company employees
- I worked on building a leave management system within the company to facilitate efficient handling of employee leave requests and approvals. Managed the implementation and administration.

PROJECTS

POULTRY HEALTHY PREDICTION — May2024

- A mobile app using the Convolutional Neural Network (CNN) machine learning model, trained on poultry animals with healthy and unhealthy states.

- Technologies used: Python for training the model, Flask for the backend, postman for API testing, React Native for mobile frontend development.

- The app helps farmers by recording the audio of their poultry animals, which is then processed by a machine learning model to predict the animal's health status.

E-COMMERCE SITE FOR BOOKS — Jan 2022

- An e-commerce web application with multiple interconnected systems and features to facilitate online transactions, such as product catalogue, shopping cart, payment gateway integration, order management, and customer relationship management.

- Technologies used: HTML, CSS/SCSS, and JavaScript frameworks such as ReactJs, while the back end was built using server-side technologies such as Node.js.
- The website may leverage various databases and data storage solutions, such as MongoDB. Additionally, it integrates with third-party services APIs and payment gateways, such as Stripe.

WIKIPEDIA SEARCH ENGINE   Jan 2022

- Developed a powerful and user-friendly Wikipedia search engine using React.js, leveraging the Wikipedia API to retrieve accurate and up-to-date information. This project showcases my expertise in front-end development, incorporating various frameworks, libraries, styles, packages, and APIs to deliver an impressive user experience.
- Seamless User Interface: Implemented an intuitive and visually appealing interface using React.js, HTML, and CSS, providing users with a smooth and engaging search experience.
- Real-time Data Retrieval: Integrated the Wikipedia API to fetch relevant data dynamically, ensuring users receive the most recent information.
- Technology used include: Reactjs, HTML5m CSS3, RESTful Api, Axios, React Router, Semantic UI, Git, Github

ACTIVITIES

- Became the head of hardware for the National Association of Computing Students (NACOS) and organised and advertised 10+ quarterly networking events with 300+ participants in 3 universities in Boston.

Head Of Hardware   May 2022 – Present
BOWEN TECH HUB   Iwo, Osun
Backend teacher of Bowen Tech Hub   Jan 2021 – Present

- An established tech community within the academic setting where I lecture on backend development.

ADDITIONAL

Technical Skills: JavaScript, HTML, CSS/SCSS + BEM, Vite + Reactjs, NodeJs, MongoDB, Redux, ExpressJs, Git, Npm
Certifications & Training: Online Course in Management (Coursera), Passed Resume Worded examinations.
Awards: Team leader and winner of a web development project competition at Bowen University, Given the position of Students' representative council at Kith and Kin Educational School.