

Olatade Obasan

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SUMMARY

Dedicated and versatile Computing Science student with a strong foundation in software development, specializing in **Java, Python**, and full-stack development. Proficient in various programming languages, frameworks, and tools, including **JavaScript, SQL, Node, React Native**, and **Laravel**. Experienced in education as a Computer Science teacher, effectively developing curricula and fostering inclusive virtual learning environments. Demonstrates a proactive approach to problem-solving and collaboration, with a history of engaging in community-focused projects and fundraising initiatives. Excels in delivering reliable and secure digital solutions, seeking to apply expertise in a dynamic tech role.

SKILLS & CERTIFICATES

Skills: JAVA, JavaScript, HTML, CSS, C++, C, C#, GitHub, R, Node, React Native, SQL, TensorFlow, Python, TypeScript, Apache Maven, OpenGL, GLUT, Laravel, Vue, Vite, Tailwind, PHP.

Certificate: Problem-solving, Python Programming, and Video Games University of Alberta, Edmonton, AB

PROJECTS

Task Manager Application | *Laravel, Vue.js, Vite, Tailwind CSS, Vue Transition Group, MySQL, PHP, JavaScript*

- Developed a full-stack application with a responsive interface that enables users to create, read, update, and delete tasks. The application uses Laravel for the backend and Vue.js for the front end.
- Integrated smooth transitions with **Vue Transition Group**, styled with **Tailwind CSS** for a seamless user experience, ensured efficient data management with **MySQL** and utilized **RESTful APIs** for user authentication, task management, and real-time data synchronization.

Study Application | *Node.js, React, SQLite, OpenAI, JavaScript, CSS, HTML*

- Developed an interactive study application that generates study questions from uploaded files or text, using **OpenAI's API** for multiple-choice and short-answer questions.
- Built with a **Node.js** backend for file uploads, question generation, answer grading, and score tracking; React based frontend supports timed tests with real-time countdown, ensuring an engaging user experience.

EDUCATION

Bachelor of Science in Computing Science, Specialization: Software Development

The King's University, Edmonton, AB, Canada

2021 – Present

PROFESSIONAL EXPERIENCE

Cybersecurity Analyst TS Diamond Consulting Inc., Edmonton, AB

July 2023 – March 2024

- Conducted vulnerability assessments and penetration tests using **Kali Linux, Metasploit, and Nessus** to identify and mitigate potential threats to information systems.
- Collaborated with IT and development teams to ensure application and infrastructure security, including implementing **firewalls, IDS/IPS systems, and encryption protocols**.
- Prepared and presented reports on threat intelligence, security breaches, and the effectiveness of security measures using **Power BI** for data visualization and analysis.

Computer Science Java Teacher STEM Education Platform., Edmonton, AB

September 2022 – July 2023

- Developed and implemented a comprehensive curriculum for teaching students computer science and **Java programming** in a virtual learning environment using **Eclipse IDE** and **IntelliJ IDEA**.
- Stayed current with educational best practices and emerging technologies in computer science education, incorporating **Git** to improve the learning experience.
- Fostered a supportive and inclusive online learning community, encouraging students to explore their interests in technology and develop critical thinking skills through projects using **APIs**.

Website Specialist DOZ Women Foundation, Edmonton, AB

January 2020 – June 2022

- Created, maintained, and updated website content using WordPress and HTML/CSS, ensuring security and relevance.
- Monitored website functionality and performance using Google Analytics and Search Console to optimize user experience.
- Developed and distributed digital newsletters using Mailchimp and enhanced community engagement through social media integration and SEO strategies.