OLAOLUWA AKANJI

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OPENING STATEMENT

Detail-oriented and versatile Computer Science major with practical experience in infrastructure asset management, product ownership, data analytics, and full-stack web development. Adept at transforming complex datasets into actionable insights through interactive dashboards and visualizations using Power BI, SQL, and Oracle databases. Proficient in Jira, Python, Java, C++, HTML, CSS, JavaScript, Laravel, and Docker, with proven problem-solving and collaboration skills demonstrated through impactful projects, leadership roles, and volunteer service.

EDUCATION

Honours Bachelor of Science in Computer Science, Co-op   September 2020 – April 2025
Brock University, St. Catharines, ON
- Brock Entrance Academic Excellence Scholarship Award (2020).
- Dean's Honour List – Year Two (2022)

WORK EXPERIENCE

Data Management and Analytics Coop Associate   2024
Ministry Of Transportation, St. Catharines, Ontario
- Contributed to the development of oversight strategies to ensure the delivery of the Ministry's highway infrastructure priorities aligned with long-term investment plans.
- Supported data management and analytics initiatives for infrastructure asset management, including roads, bridges, and transportation facilities, ensuring alignment with organizational goals and strategies.
- Developed interactive dashboards and data visualizations in Power BI to enhance decision-making and analysis.
- Ensured data accuracy and integrity through rigorous scrubbing and validation using Power BI, Excel, SQL, and Oracle databases, supporting reliable reporting and analysis.
- Utilized tools such as Canva, PowToon, Camtasia, and PaintShop Pro to create descriptive animations and enhance visual communication strategies for the Ministry.
- Worked with specialized ministry databases (e.g., ArcGIS, linear referencing data, structure inventory, pavement condition data, and traffic volume information) to extract, validate, and analyze data sets for infrastructure asset management.
- Applied M and DAX programming proficiencies for simplified data manipulation, enabling effective row and column operations for analytical purposes.
- Assisted in developing Treasury Board funding requests and policies for cost-risk estimating of construction projects, ensuring alignment with governmental policies.
- Fostered cyber hygiene by implementing Multi-Factor Authentication (MFA), phishing threat scans, and utilizing Microsoft ADP to classify, label, and safeguard sensitive information.
- Conducted in-depth research to inform decision-making processes and support project development.

Co-op Web Developer   2023
Palomino System Innovations Inc., Hamilton, Ontario
- Provided robust customer support operations through adroit ticket resolution, troubleshooting, phone-line monitoring via Zoiper, and delivering efficient email responses.
- Effectively administered web hosting services, promptly addressing customer inquiries and resolving technical issues by exploiting existing infrastructure.
- Collaborated seamlessly with peers on projects, leveraging Laravel, Docker desktop, WebPal and Laravel Filament infrastructure to construct data tables and robust project frameworks.
- Maintained regular reporting to supervisors and experienced team members, delivering comprehensive updates on project progress and performance, fostering an atmosphere of interpersonal transparency and synergy within the team.

- Embarked on personal projects and conducted extensive research, delving into independent initiatives to expand my knowledge base and cultivate expertise in various domains.
- Proficiency in executing server-side queries and conducting IP and reverse DNS lookups.

PROGRAMMING SKILLS

- Full-stack developer proficient in Java and Python programming.
- Web design expertise using HTML, CSS, and JavaScript.
- Back-end management and administration utilizing Laravel, WebPal, SQL, C and PHP.
- Proficient in streamlining workflows with Jira, MobaXterm, XAMPP, and GitHub.
- Skilled in web hosting and server administration using cPanel, Docker Desktop, WHMCS, and related web user interfaces.

TECHNICAL SKILLS

- Advanced proficiency in Microsoft Office applications, including Power BI, Outlook, Word, PowerPoint, OneNote, and Excel.
- Networking expertise, including firewalls, VPNs, and security protocols (e.g., two-factor authentication and Bitwarden).
- Experienced in virtual communication tools like Zoiper, Slack, Zoom, Microsoft Teams, Google Hangouts, and Meet.
- Proficient in Adobe Acrobat Reader and Canva for document editing and graphic design.
- Utilized Microsoft Advanced Data Protection (ADP) for data classification, sensitivity labelling, and encryption.
- Skilled in graphics creation using Blender, OpenGL, GLUT library, and Microsoft Visual Studio.

PROFESSIONAL DEVELOPMENT

JavaScript, HTML and CSS Programming   September 2019
Codefest International, Lagos, Nigeria

Python Programming   August 2017
N and S Technology, Lagos, Nigeria

CLUBS AND MEMBERSHIPS

Member - Junior Engineers, Technicians and Scientists Club   September 2013 - March 2019
Top-grade Secondary School, Lagos, Nigeria

- Coordinated club activities through effective meeting scheduling, ensuring seamless execution and efficiency of events.
- Significantly bolstered member engagement and participation in club events by organizing regular internal and external competitions

LEADERSHIP EXPERIENCE

Head of Department, Campus Fellowship, Brock University   January 2025 - Present
RCCG Royal House, St. Catharines, ON.

Male Head Prefect   September 2018 - July 2019
Top-grade Secondary School, Surulere, Lagos

VOLUNTEER EXPERIENCE

Southridge Shelter Community Outreach Volunteer   November 2023 - present
Royal House, St Catharines, Ontario

VBS Volunteer   July 2023
Chapel of Praise, Hamilton, Ontario