Ayomide Adebayo

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SOFTWARE ENGINEER

SOFTWARE DEVELOPMENT | AUTOMATION | CREATIVE THINKING

- Currently pursuing an Advanced Diploma in Software Engineering Technology at Centennial College, maintaining an outstanding GPA of 4.2/4.5 (A).
- Proficient in database management, **SQL Server**, and database design, emphasizing the importance of data integrity and reliability.
- Experience with web interface design, client-side development, and **UI/UX** for responsive design, ensuring user-friendly and visually appealing applications.
- Familiarity with **Unix/Linux**, providing a foundation for versatile development across platforms
- Knowledgeable in **Agile** methodologies and **DevOps** practices.
- Foundational knowledgeable in integrating applications with the **Spring Framework** and **Android app** development, expanding capabilities in enterprise-level and mobile software development.
- Knowledgeable in **cloud computing**, **IoT.**
- Foundational knowledge of PLCs, RSLogix500 and automation controls.

KEY SKILLS

Languages:	C#, Python, Java, C, JavaScript ES6, HTML5/CSS3, SQL Server, Linux, Oracle
Frameworks:	Django, Node.js, Express.js, React,js, Flask, Spring, Spring Boot
Tools:	VS Code, Visual Studio, GitHub, AutoCAD, MS Visio, Lucidchart, Visual Paradigm, Draw.io, MS Office (Word, Excel, PowerPoint)

EDUCATION

Software Engineering Technology (Co-op) Advanced Diploma   January 2023 - Present
Centennial College, Toronto, ON   *Graduation Dec 2025*

Courses Include:

C# | Web Application Development | Java | Software Systems Design | Unix/Linux | C/C++ | Web Interface Design | Client-Side Development | Database Concepts | Software Requirements | Advanced Business Communications

Software Engineering Advanced Diploma   January 2020 - April 2022
APTECH, Lagos, Nigeria

Courses Include:

C | jQuery, AngularJS | UI/UX for Responsive Design | Database Management (SQL Server) | Markup Language, JSON | Linux OS | Cloud Computing | IoT | Enterprise App Development using EJB | Python | DevOps | Android App Development

SELECT PROJECTS

Online Library Management System(OLMS) - https://github.com/binidowu/E-Library
- Developed an OLMS to automate and streamline library operations.
- Enabled librarians to add new resources, while tracking members and the collection.
- Implemented user registration, login, book search, online reading, and downloads for users.
- Created admin module including dashboard, categories, book types, and report generation.
- Improved library efficiency and accuracy by computerizing the system, preventing data loss.
- Technical Skills: **Python, Django framework, HTML, CSS.**

Integrated Banking Account Management System

- Developed a cutting-edge SRS for an Integrated Banking Account Management System, simplifying financial management by consolidating multiple bank accounts into a user-friendly interface.
- Outlined the core objective: Efficient financial management through integration.
- Created visual use case diagrams to depict user-system interactions.
- Illustrated key concepts with domain class diagrams.
- Designed sequence diagrams for interaction flow.
- Documented system capabilities and behavior in functional requirements.
- Specified non-functional requirements (performance, security, scalability).
- Technical Skills: **Requirements gathering, Use of Modelling Tools, UML Diagrams.**

OTHER WORK EXPERIENCE

Student Ambassador—Campus Tour Ambassador   January 2023 – Present
Centennial College, Toronto, ON

- Conduct engaging campus tours, addressing inquiries and providing information.
- Interact effectively with diverse groups, including prospective students, parents, and faculty.
- Collaborate with the recruitment office in events to coordinate tour schedules and logistics, enhancing student engagement.

Student Ambassador— Culture Assessment   March 2023 – April 2023
Centennial College, Toronto, ON

- Led a college-wide initiative engaging 4,500+ students to raise cultural awareness.
- Collaborated with stakeholders to collect and analyze data for equity, diversity, and inclusion.
- Fostered dialogue for social justice within the college community.
- Promoted student survey participation through materials and informational tables.

EXTRA-CURRICULAR ACTIVITIES

Centennial Toastmasters—President   July 2023 – Present
Centennial College, Toronto, ON

- Actively contribute and club activities, emphasizing growth and member development.
- Efficiently manage administrative tasks for smooth club operation and improved member experiences.
- Plan and execute club events and initiatives to enhance members' experiences.

Volunteer   July 2023—Present
Progress Church of God, Toronto, ON

- Oversee live video streaming on YouTube and the church's website.
- Utilize vMix software for efficient stream management.
- Operate video cameras, assist in the sound booth for real-time audio coordination.