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### **Objective:**

A highly motivated and results oriented software engineer with a strong educational background from Adventist University of Central Africa and the ALX Software Engineering Program. Seeking to leverage my technical skills and practical experience in software development to contribute effectively to innovative projects and drive continuous improvement in the field of technology.

### **Education:**

ALX Software Engineering Program,  
Graduated: January, 2024

Adventist University of Central Africa,  
Graduation: December, 2024

### **Relevant Courses:**

Full Stack Web Development  
Object-Oriented Programming  
Data Structures and Algorithms  
Software Engineering Principles  
Database Management Systems  
Agile Methodologies

### **Skills:**

Programming Languages: Java, Python, JavaScript, C++, C#  
Web Technologies: HTML, CSS, React.js, Node.js, Express.js  
Database Management: MySQL, MongoDB  
Software Development Tools: Git, GitHub, Docker, Jenkins  
Operating Systems: Windows, Linux

Problem Solving: Data Structures, Algorithms  
Agile Development: Scrum, Kanban

## **Projects:**

### E-commerce Website

Developed a full-stack e-commerce website using Python (Django) for the backend and JavaScript (React.js) for the frontend.

Implemented user authentication, product browsing, shopping cart functionality, and payment processing using Stripe API.

Utilized PostgreSQL and MySQL for database management and integrated continuous integration and deployment using Jenkins.

### Airbnb Clone

Developed a fully functional clone of the Airbnb website using HTML, CSS, JavaScript, Flask for the backend, and SQL database for data management.

Implemented features such as user authentication, property listings with search and filter functionality, booking system, and payment integration using Stripe API.

Utilized SQLAlchemy ORM to interact with the SQL database and handle CRUD operations for users, properties, and bookings.

Collaborated with a team of developers to design and implement the project, following agile methodologies for efficient development.

Conducted thorough testing and debugging to ensure the reliability and performance of the application.

Deployed the

### Task Management Application

Designed and developed a task management application using Java and JavaFX for the GUI.

Implemented features such as task creation, editing, deletion, and priority assignment.

Employed data structures and algorithms for efficient task organization and management.

## **Certifications:**

ALX Software Engineering Program Certification

AWS Cloud Practitioner

**Languages:**

English (Fluent)

French (Basic)

Kinyarwanda (Native)

**References:**

Available upon request.