NOBUKHO BOYCE

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Aspiring Software Developer

Software engineering graduate with a strong foundation in distributed systems, full-stack development, and cloud computing. Experienced in Java, Python, and JavaScript, with a passion for building scalable, real-world solutions. Aspiring to drive innovation through system design and collaborative problem-solving.

EDUCATION & CERTIFICATIONS

Tertiary Qualifications

National Certificate(NQF5) Information Technology (Systems Development) – WeThinkCode_ – 2024
National Diploma(NQF6) Civil Engineering – Damelin College – 2021

Certifications

AWS Cloud Practitioner – 04/2025

TOOLS & TECHNOLOGIES

- Programming Languages: Java, Python, JavaScript
- Frameworks: Spring boot, Bootstrap
- Databases: PostgreSQL, MySQL
- Version Control: Git
- Docker
- CI/CD Pipeline management
- Testing Frameworks: Junit, unittest

PROJECTS

- **Appointment Management System** *(In Progress)*
  A comprehensive scheduling platform built using Java (Spring Boot) and JavaScript (React), designed to streamline appointment bookings between service providers and clients. Focuses on real-time updates, user-friendly interfaces, and RESTful API integration.
  Demonstrates full-stack development skills and practical application of Spring Boot architecture.

- **CLI Hangman Game** *(Completed April 2025)*
  A terminal-based word-guessing game developed in Python, featuring category selection and words fetched via API for dynamic gameplay.
  Showcases API integration, game logic, and user input handling within a clean, object-oriented structure.

- **Weather Search App** *(Completed February 2025)*
  A responsive weather application built with HTML, CSS, and JavaScript that allows users to search for any city and view real-time weather details such as temperature, humidity, wind speed, and time of day.
  Reinforced front-end development skills and asynchronous data fetching via public APIs.

- **To-Do List Web Application** *(Completed March 2025)*
  A task management tool developed using HTML, CSS, and JavaScript. Users can add, edit, delete, and mark tasks as completed through an intuitive interface.
  Highlights strong understanding of DOM manipulation, UI logic, and browser-based local data handling.