

# NOBUKHO BOYCE

## SOFTWARE ENGINEER

### PROFESSIONAL SUMMARY

Motivated software engineer with a strong background in distributed systems and full-stack development. Experienced in Java, Python, JavaScript and AWS Cloud. Dedicated to designing scalable solutions and applying technical expertise to tackle real-world challenges with an innovative mindset and a commitment to continuous learning. Experienced in navigating complex problems both independently and collaboratively within dynamic environments.

### PORTFOLIOS

- [linkedin.com/in/nobukho-boyce](https://www.linkedin.com/in/nobukho-boyce)
- <https://www.github.com/nboyce9>
- <https://nboyce-portfolio.netlify.app>

### SKILLS

- Object-Oriented Programming
- Git version control
- CSS3 & Bootstrap
- Front-end development
- Micro-services architecture
- SQL database design and optimization
- Agile methodology
- Springboot
- Python
- Data Structures and Algorithms
- CI/CD pipeline management
- Responsive design
- HTML5
- API integration
- RESTful API development
- Test-driven development (TDD)
- Testing frameworks
- JavaScript
- Java
- Object-Oriented Programming

### EDUCATION

**WeThinkCode\_**, Cape Town

**National Certificate**, Information Technology: Systems Development, 09/2023 to 12/2024

- Comprehensive training in full-stack software development
- Focus on system architecture and design principles
- Practical experience with modern development frameworks
- Hands-on projects implementing advanced programming techniques
- 71% Minimum Average

**Damelin College**, Bloemfontein

**National Diploma**, Civil Engineering, 01/2019 to 12/2021

- Foundation in civil engineering principles
- Project management methodologies

- Construction and structural design concepts
- AutoCAD and Civil 3D Essential Skills Certification

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## WORK EXPERIENCE

### EDUCATOR ASSISTANT 11/2021 to 04/2023

**Department of Basic Education EC, Magoba**

- Supported teachers in lesson planning, grading, and classroom management.
- Assisted in the development of educational content and resources to enhance student engagement.
- Helped maintain an organized classroom environment and provided one-on-one assistance to students.

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## CERTIFICATIONS

AWS Cloud Practitioner Certificate

SheCodes Responsive: Responsive Web Development

SheCodes Plus: Web Development

AWS Educate Getting Started Series

SheCodes Basics: Introduction to Coding

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## ADDITIONAL INFORMATION

Proven track record in problem-solving and analytical thinking, Experience with cross-functional team collaboration, Strong commitment to continuous learning and professional development, Currently expanding knowledge in web frameworks such as Django and Spring Boot

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## PROJECTS

- Appointment Management System - In Progress

A comprehensive scheduling platform built with Java/Spring Boot and JavaScript/React, enabling efficient management of appointments between service providers and clients.

- CLI Hangman Game - 04/2025

The Hangman Game is an interactive word-guessing application built with Python. Players try to identify a randomly selected word. The game enhances user engagement by incorporating categories and words fetched via API endpoints, allowing dynamic and varied word selection. This project demonstrates effective use of API integration, game logic implementation, and user input handling in a terminal-based environment.

- Weather Search App - 02/2025

A weather application built with HTML, CSS, and JavaScript. The app allows users to search for weather information for any city and displays the current temperature, weather description, humidity, wind speed, and the time of day.

- To-Do List - 03/2025

The To-Do List Web Application is a straightforward and user-friendly tool designed to help users manage their daily tasks efficiently. Built using HTML, CSS, and JavaScript, this web app allows users to add, edit, delete, and mark tasks as completed.