

Andile Ntuli

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Profile Summary

Graduate Software Developer with hands-on experience across the Software Development Life Cycle (SDLC), including coding, testing, debugging, and documentation. Actively engaged with software development beyond formal studies through academic and personal projects. Strong foundation in object-oriented programming, databases, and web technologies, with a passion for building reliable, user-focused software solutions. Curious, adaptable, and eager to grow in a collaborative, high-performance environment like BBD.

Education

Belgium Campus iTVersity Diploma in Information Technology Completed all academic modules; qualification pending completion of work-integrated learning.	2023 – 2025
Mamelodi Secondary School National Senior Certificate	2016 – 2021

Software Development Experience

Academic & Personal Development Experience	2023 – 2025
<ul style="list-style-type: none">Developed, tested, and debugged applications using C#, Java, Python, and JavaScript.Applied object-oriented programming principles such as abstraction, encapsulation, and modular design.Participated in collaborative group projects, contributing code, reviewing logic, and resolving bugs.Used Git for version control, managing commits and tracking changes across projects.Documented system functionality, development decisions, and test outcomes.Gained exposure to Agile-style collaboration, iteration, and feedback.	
Projects	
Gym Management System <i>C#, ADO.NET, SQL Server</i>	

Gym Management System <i>C#, ADO.NET, SQL Server</i>	2025
<ul style="list-style-type: none">Built a Windows Forms application to manage members, classes, and training programmes.Implemented CRUD functionality, validation, and database integration.Tested application logic and fixed runtime and data-handling issues.	

Employee Management System <i>Java, JSP, PostgreSQL</i>	2025
<ul style="list-style-type: none">Developed a web-based system for managing employee records and authentication.Applied MVC concepts and structured backend logic.Strengthened debugging and testing skills within a multi-tier application.	

AdventureWorks Data Analysis Project <i>SQL Server, Power BI</i>	2025
<ul style="list-style-type: none">Queried relational data and built interactive dashboards.Translated raw data into meaningful business insights.	

Python Automation Project <i>Python</i>	2025
<ul style="list-style-type: none">Developed scripts to automate data handling and repetitive tasks.Improved efficiency through logical problem-solving.	

Portfolio Website <i>HTML, CSS, JavaScript</i>	2024 – 2025
<ul style="list-style-type: none">Designed and deployed a responsive personal portfolio showcasing development projects.Applied clean UI design and basic front-end interactivity.	

Technical Skills

Programming Languages: C#, Java, Python, JavaScript, SQL

Web Technologies: HTML5, CSS3

Databases: SQL Server, PostgreSQL, MongoDB

Tools & Platforms: Git, Visual Studio, VS Code, Power BI, Figma

Concepts: SDLC, Object-Oriented Programming, Debugging, Testing, Version Control

Certifications

- SoloLearn Certificate – Python
- SheCodes Certificate – HTML, CSS, JavaScript
- Codecademy Certificate – Frontend Development Foundations

Interests

Software engineering, problem-solving, learning new technologies, data-driven solutions, collaborative development, continuous improvement