

BERNARD SWANEPOEL

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[Email](#) ◇ [LinkedIn](#) ◇ [CV](#) ◇ [Portfolio](#)

OBJECTIVE

Software Engineer with development experience, seeking full-time Full-stack developer roles.

EDUCATION

TEFL-180 hours certificate, i-to-i 2024

Bachelor Hons, Computer Science and Information technology, North-West University 2024

Relevant Coursework: Decision support systems, Databases, Computer security, and Artificial intelligence.

Bachelor of Information Technology, North-West University 2020 - 2023

Relevant Coursework: Data structures and algorithms, IT Developments, Computer networks, Operating Systems, Systems Analysis and Design, Object Oriented Programming, Information Security, and Structured Programming.

SKILLS

Technical Skills	Python, Java, C#, C++, HTML, CSS, JavaScript, L ^A T _E X, Azure, Kotlin, GitHub, Linux
Frameworks	Node.js, React, Flask, TensorFlow, PyTorch, .Net Core, ASP.NET
Soft Skills	Creative, Teamwork, Adaptability, Problem-solving
Other skills	Marketing, Business, Management, Tutoring

EXPERIENCE

Marketing Staff	Sep 2023 - Present
Nuwelco	<i>South Africa, North West, Stilfontein</i>

- Assisting Nuwelco in marketing their manufacturing products.
- Working as a representative for Nuwelco to assist in acquiring new potential customers.
- Brought Nuwelco to the attention of a much larger audience via LinkedIn marketing ([Check page](#)).

CMPG 212 Tutor	Feb 2023 - Jun 2023
North-West University	<i>South Africa, North West, Stilfontein</i>

- Helped grade practical assignments.
- Conducted tutoring sessions to support individuals facing challenges with the given programming practicals.
- I created videos to assist students who were too shy to ask questions and made myself available on WhatsApp to answer any queries as needed.

PROJECTS

API: Built an API with Swagger, .NET Core, and Entity Framework, and tested the API calls using Postman ([Check GitHub page](#)).

Discord bot: A bot I built for fun which includes various entertaining commands, such as searching for random images, GIFs, and interacting with ChatGPT via an API.

Dog breed classification: Used TensorFlow, Jupyter Notebooks, and Python to create a deep learning model that can classify dog breeds ([Check GitHub page](#)).

OTHER ACTIVITIES

- Music: I play the violin and piano and have a passion for singing opera.
- Technology: I enjoy building computers and experimenting with 3D printing.
- Games: In my free time, I like to play video games.