

# Mamello Molokwane

Entry-level Software Engineer with a solid foundation in software development principles and experience building applications using Python, JavaScript, and HTML/CSS. Completed projects in Harvard's CS50, demonstrating skills in problem-solving and algorithm design. Interested in full stack development. Eager to learn and contribute to a dynamic team.

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## CONTACT

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Github: <https://github.com/IndigoBlack>

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## EDUCATION

**Unicollege** — *IT Programming*

February 2024 - November 2024

I completed coursework in IT programming, developing proficiency in Python, HTML, CSS, JavaScript, Flask, Django, and SQLite. Gained practical experience in computational thinking and the software development lifecycle, applying these skills to create solutions for common technical challenges.

**Stadio** — *Higher Certificate in Project Management*

June 2022 - June 2023

Obtained a Higher Certificate in Project Management from this program.

**Nic Diederichs Technical High School** — *Matric*

January 2015 - December 2020

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## Projects

**Wiki Summariser - HTML, CSS, and Django**

I developed a Django web application that simplifies Wikipedia research by providing concise summaries of articles. Users can search for a topic, and the application retrieves the article's overview, summarizes it using a

Hugging Face Transformers model (specifically, a summarization pipeline), and displays the summary with a link to the full Wikipedia page.

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## Qualifications

Higher Certificate in Project Management

CS50's introduction to programming in Python by Harvard:

<https://cs50.harvard.edu/certificates/b74f7b2d-c762-42ac-83c9-2879db5c0416>

CS50's introduction to Computer Science by Harvard:

<https://cs50.harvard.edu/certificates/380821d4-d35b-459a-8a65-c2b27a95f1e4>

Certiport IT Specialist - HTML and CSS:

[https://www.credly.com/badges/6e4404bb-deda-4b26-8868-02eb2ff38383/public\\_url](https://www.credly.com/badges/6e4404bb-deda-4b26-8868-02eb2ff38383/public_url)

Certiport IT Specialist - Javascript:

[https://www.credly.com/badges/6ede6d12-e6e5-4ddc-b893-53f28bbde155/public\\_url](https://www.credly.com/badges/6ede6d12-e6e5-4ddc-b893-53f28bbde155/public_url)

Certiport IT Specialist - Python:

[https://www.credly.com/badges/bbc67a6d-ce60-40b4-b4a7-e441bfe63aa9/public\\_url](https://www.credly.com/badges/bbc67a6d-ce60-40b4-b4a7-e441bfe63aa9/public_url)

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## SKILLS

- Python
- HTML
- CSS
- Javascript
- Django
- Flask
- Computational thinking (Developed through CS50 coursework and projects)
- Problem-solving (Proven ability to debug and resolve complex coding issues)