

LUNGANI TREVOR GCABASHE

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• Durban, KwaZulu-Natal

Summary

I am a recent BSc graduate in Computer Science and Physics, currently pursuing an Honours degree in Computer Science at the University of Zululand. I have built a solid foundation in programming, web development, and data handling using Python, Java, HTML, CSS, JavaScript, and SQL. I am passionate about using technology to solve problems and build meaningful applications. I approach tasks with curiosity and dedication, and I'm always open to learning new tools or concepts. My background has taught me to work independently and as part of a team. I'm currently seeking opportunities where I can grow as a software engineer and contribute to impactful software projects.

Education

University of Zululand

02/2021 – 11/2024

Bachelor of Science in Computer Science & Physics

University of Zululand

02/2025 – present

Bachelor of Science Honours in Computer Science

Experience

Prodigy InfoTech

July 2025

Web Development Intern

- Completed front-end development tasks during the Prodigy InfoTech Web Development internship
- Built interactive projects including a stopwatch, tic-tac-toe game, weather app, responsive navigation menu, and a personal portfolio using HTML, CSS, and JavaScript
- Developed and deployed a responsive portfolio website to showcase projects and skills
- Strengthened skills in DOM manipulation, responsive design, and problem-solving through hands-on coding challenges

Skills

Programming Languages: Python • Java • JavaScript • SQL

Web Development: HTML • CSS • JavaScript • Frontend Development

Technical Skills: Data Structures & Algorithms • Computer Networking • Github

Key Skills: Time Management • Collaboration • Adaptability

Projects

Exploration of IsiZulu text on Facebook for Large Language Model Training

2025

Facebook, Apify, Python, JSON

- Conducted an exploratory study on isiZulu text data from Facebook to support low resource language model improvement.
- Used Apify to scrape and collect public isiZulu posts, including short stories and novels.
- Cleaned and structured the data using Python on Google Colab in JSON format for storage and easy access.
- Analyzed ethical, technical, and cost implications of using social media data for NLP applications.

University Student Assistance

2023

HTML, CSS, JavaScript, SQL

- The project was developed to assist university students in managing their academic schedules, resources, and communications with the administration.
- Served as team leader, overseeing the project development and coordinating team efforts.
- Designed the front-end interface and integrated the application with a database to manage student information.

Restaurant Menu Website

2022

HTML, CSS, JavaScript, SQL

- The project aimed to create a digital menu solution for a local restaurant, allowing customers to browse and order online.
- Collaborated with a team to build an interactive restaurant menu website
- Led the front-end development, ensuring a seamless and visually appealing user experience.

Languages

IsiZulu

English

References

Available upon request