

## Lungani Trevor Gcabashe

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### SUMMARY

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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 developer and contribute to impactful software projects.

### SKILLS

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|-------------------|----------------------------------|---------------------------------|
| • Python          | • Adaptability Skills            | • Problem-Solving               |
| • Java            | • Attention to Detail            | • Interpersonal Skills          |
| • HTML            | • Computer Networking            | • Mathematical Skills           |
| • CSS             | • Computer Literacy              | • Data Structure and Algorithms |
| • JavaScript      | • Collaboration Skills           | • Time Management Skills        |
| • SQL             | • Planning and Organising Skills | • Research Skills               |
| • Web Development |                                  |                                 |

### EXPERIENCE

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#### Internship Program – Prodigy InfoTech

July 2025

- 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.

## PROJECTS

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### **Restaurant Menu Website** 2022

*HTML, CSS, JavaScript*

- 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.

### **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.

### **Exploration of isiZulu text on Social-Media for Language model Training** 2025

*Apify, JSON, Facebook, Python*

- 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 in JSON format for storage and easy access.
- Analyzed ethical, technical, and cost implications of using social media data for NLP applications.

## EDUCATION

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### **Bachelor of Science in Computer Science & Physics** Nov 2024

*University of Zululand*

### **Bachelor of Science Honours in Computer Science** Present-

*University of Zululand*

## INTERESTS

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Software Engineering

## REFERENCES

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Available upon request