LUNGANI TREVOR GCABASHE

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● Durban, KwaZulu-Natal

Summary

I am a recent BSc Honours Computer Science graduate with a strong foundation in software development, web technologies, and data handling. Experienced in Python, Java, JavaScript, SQL, and Linux-based environments. Completed hands-on projects involving web applications, data scraping, and research-focused development, including low-resource language data collection for NLP. Passionate about building practical solutions, learning new technologies, and contributing to collaborative software teams. Seeking a graduate or junior software developer role.

Experience

Prodigy InfoTech   *July 2025*

Web Development Intern / Remote

- Built multiple front-end web applications using HTML, CSS, and JavaScript.
- Implemented DOM manipulation and responsive layouts.
- Completed practical development tasks including Portfolio, weather app, and UI components.
- Strengthened debugging, version control, and independent problem-solving skills

Projects *(School Projects)*

Exploration of IsiZulu text on Facebook for Large Language Model Training – *Honours Research Project*   2025

Facebook, Apify, Python, JSON

- Conducted an exploratory study on isiZulu text data from Facebook to support low-resource languages for NLP research.
- Scraped and collected public isiZulu posts (short stories and novels) using Apify.
- 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 – *Final Year Project*   *2023*

HTML, CSS, JavaScript, SQL

- Developed a web-based student assistance system to support academic scheduling and administrative communication
- Designed and implemented the responsive front-end interface using HTML, CSS, JavaScript.
- Integrated the system with a SQL database to store and retrieve student-related information.
- Served as team leader, coordinating tasks, tracking progress, and ensuring timely project completion.

Restaurant Menu Website *2022*

HTML, CSS, JavaScript, SQL

- Developed a web-based digital menu for a local restaurant to display food items and prices online.
- Designed and implemented the front-end interface using HTML, CSS, and JavaScript with a focus on usability and visual clarity.
- Used JavaScript and SQL to manage and display menu information dynamically.
- Collaborated with a team during planning and development, contributing primarily to front-end development.

Technical Skills

Programming Languages: Python ● Java ● JavaScript ● SQL

Web Development: HTML ● CSS ● JavaScript ● Responsive Design

Tools & Platforms: GitHub ● Linux (Ubuntu) ● Apify ● Google Colab

Computer Science: Data Structures & Algorithms ● Computer Networking

Key Skills: Problem-solving ● Time Management ● Team Collaboration ● Adaptability

Education

Institution: University of Zululand

- **Bachelor of Science Honours in Computer Science** *(Completed)*
- **Bachelor of Science in Computer Science & Physics** *(Completed)*