Curriculum Vitae

Righteous Onyedi Nhlanhla Mpila Nwariwe

Personal Details:

- **Location:** 126 Fir Avenue Primrose, Johannesburg, South Africa

- **Date of birth:** 2004/05/16

- **Phone:** 0680022727

- **Tax number:** 1856885189

- **Email:** righteousonyedi@gmail.com

- **LinkedIn:** www.linkedin.com/in/righteous-nwariwe-01023727a

- **GitHub:** https://github.com/RighteousNwariwe

- **Portfolio Website:** https://righteousnwariwe.github.io/Virtual-Portfolio/

Skills

- **Technical skills & Programming languages:** Python, SQL, HTML & CSS, React, JavaScript, MySQL, Power BI, Mongo DB, Excel.
- **Professional Skills:** Communication, Leadership, Teamwork, Adaptability, Problem solving, Ability to work under pressure.

Education

Graduate at North-West University, Vanderbijlpark

Bachelor of Science (BSc) in Information Technology (February 2023 – 2025)

Certificates (View on my Portfolio Website)

- **Introduction to SQL, SoloLearn,** 7 January 2025
- **FNB App Academy 2025, Certificate in full Stack Development,** 24 July 2025
- **Diploma in Quantum Computing & Programming,** QSouthAfrica, July 2023

Professional Experience

1. **Freelance Web Developer (E-commerce & Full Stack Projects)**

January 2024-Present

- I have developed and designed responsive E-commerce websites for businesses and small startups.
- Most of the websites included **product catalogues, shopping carts, checkout workflow, and order management.**

- I mainly incorporated **Firebase services** for **authentication, databases, storage , and real-time updates.**
- I Applied UI/UX principles to deliver mobile friendly, and user focused interfaces.

Freelance projects (Videos available in my Virtual portfolio) :

- **Wow Foods, Mav's Refreshments.**

2. **Web developer for SneakyFinds (Self-employed)**

18 Jan 2025 – December 2025

    Roles:

- **Web developer –** I developed and designed the platform's core functionality using JavaScript, HTML, CSS, Firebase and React.
- **Full Stack Developer –** I Handled both frontend and backend operations.
- **Database Administrator –** Managed Firebase integration
- **UI/UX Designer –** I created a creative and friendly user-interface for the website.

Technologies Used:

    React.js, JavaScript, HTML, CSS, Firebase

3. **API – Driven Movie Review Data Integration (NYT & TMDB)**

2025- December

Key Responsibilities & Achievements:

- I Designed and implemented API calls to fetch movie reviews filtered by section (Movies) and material-type (Review)
- Enabled **user-driven keyword filtering** via Google Sheets input cells.
- Parsed and transformed **JSON API responses** into structured tabular data.
- Integrated a second API (TMDB) to enrich reviews with metadata such as budget, popularity, ratings, genres, runtime, and release dates.
- Applied error handling and validation to ensure reliable data retrieval and processing.

Technologies Used:

    Google Apps Script (JavaScript),Google sheets, NYT Article Search API, TMDB API, JSON, Excel-style data processing.

4. **Recruitment Officer, Geekulcha (NWU Vaal Campus)**

March 2024 – November 2024

- Planned and developed web applications, troubleshooted applications to try and solve any problems.
- Involved with the marketing crew to try and recruit new members to join the society.
- Planned new marketing strategies.

5. **Treasurer, Faculty of Natural and Agricultural Science (FNAS NWU)**

2024 – 2025

- Managed budgets, financial records, and reporting for the faculty, ensuring transparency in all financial processes.
- Collaborated with my faculty members to allocate funds effectively, and I had to make sure that the committee overcame financial challenges through strategic planning and sponsorships.

Major Projects (Videos in Portfolio Website)

1. **ClearVue Sales Report System**

   Overview:

   My Team and I created a modern sales reporting system for ClearVue Ltd, built to create comprehensive and informative reports using **SQL, MongoDB, and Kafka for real time connection.** It includes modules for database connection, business logic, and a **Power BI** dashboard for analytics.

   Technologies Used:

   MongoDB, Power BI, SQL, Kafka

2. **API-Driven Movie Review Data Integration (NYT & TMDB)**

   Overview:

   I had to develop an automated data extraction and integration solution using **Google Sheets and Google Apps Script** to collect, filter, and enrich movie review data rom external APIs. The system retrieves movie reviews from the **New York Times Article Search API,** which allows user defined keyword filtering, and enriches each movie with detailed metadata from **The Movie Database (TMDB) API,** producing a structured, multi-sheet dataset for analysis.

   Technologies Used:

   Google Apps Script (JavaScript), Google sheets, NYT Article Search API, TMDB API, JSON, Excel-style data processing.

3. **SneakyFinds Online Thrift Store**

   Overview:

   Developed a full-stack E-commerce platform for my thrift clothing store, the website supports customer purchases and administrative management with real-time updates.

   Technologies Used:

   React.js, JavaScript, HTML, CSS, Firebase (Authentication, Firestore, Realtime Database, Storage).

4. **Wow Foods E-commerce Website**

    Overview:

    I Built a modern E-commerce website for a students and lecturers focused restaurant based in Cape Town, enabling online ordering, catering requests, and responsive browsing across devices.

    Technologies Used:

    React, JavaScript, HTML, CSS, Firebase (Authentication, Firestore, Realtime Database, Storage).

References

- **Morena Ramateletse**
  Role: Geekulcha (Vaal Campus)
  Email: gkssvaalnwu@gmail.com   Phone: 0780718319
- **Mr. J.H. Sarila**
  Role: Lecturer for MTHS 225   Phone: 0606810554
- **Faculty SCC Treasurer**
  Email: VPCSCC-Treasurer@nwu.ac.za
- **Lesego Mosala**

  Role: CEO of SNEAKYFINDS Pty Ltd   Phone:0671160641