Nolubabalo Maxazana

Cape Town, Western Cape

Phone: +27 78 069 7781

Email: nolubabalomaxazana@gmail.com

LinkedIn: https://www.linkedin.com/in/nolubabalo-maxazana-4327b168/

GitHub: https://github.com/Nolu-M

Portfolio: https://nolubabablomaxazana.netlify.app/

PERSONAL PROFILE

Passionate software engineer with expertise in both front-end and back-end technologies, including JavaScript, PHP, Python, Flask, and React. Proficient in cloud computing (Microsoft Azure), with a keen focus on building user-centered, scalable software solutions. My background in microbiology has sharpened my analytical skills, and my recent upskilling in cybersecurity and data analytics enhances my problem-solving approach. Eager to contribute to collaborative and innovative projects.

PERSONAL DETAILS

Language(s): Fluent (reading, writing, and speaking) in English, IsiZulu and IsiXhosa

TECHNICAL SKILLS

- Languages: JavaScript, PHP, Python, HTML, CSS, SQL
- Frameworks & Libraries: React, Flask, Tailwind CSS, Tkinter
- Cloud Platforms: Microsoft Azure (Web Apps, SQL Databases, Serverless Functions), Netlify
- Databases: PostgreSQL, SQL, XAMP
- Tools & Technologies: Git, Docker, Insomnia, Power BI, CI/CD Pipelines
- Other Skills: UX/UI Design, API Integration, Web Development, Database Design, Cloud Deployment

PROFESSIONAL EXPERIENCE

Young Tech Professional (Work Readiness Graduate Programme) *Cape Town, 2024*

- Collaborated on tech projects with a focus on modern web development and cloud solutions.
- Worked extensively with Microsoft Azure for deploying, scaling, and monitoring web apps.
- Contributed to cross-functional teams, employing agile methodologies.

Web Development Learning Assistant (Part-time) *Cape Town, 2023*

- Assisted learners in understanding and applying web development concepts, with an emphasis on full-stack technologies.
- Conducted workshops on React and Node.js.
- Helped students troubleshoot and debug code, improving their problem-solving skills.

Online English Teacher *Remote, 2022*

- Delivered tailored English lessons to non-native speakers via e-learning platforms.
- Developed digital teaching materials and improved online communication.

Education Assistant *Port Elizabeth, 2021*

- Supported faculty in academic and administrative tasks.
- Assisted in managing classroom activities and facilitating student learning.

PROJECTS

Edu Pal: *(Hackathon Winning Project)*

- Developed *Edu Pal*, a web-based learning platform for high school students in grades 10-12, during a hackathon where it won first place.

- Contributed to the front-end development using HTML, CSS and JavaScript, and integrated quizzes and lesson modules to enhance the student learning experience.

AyobaBiz Connect: *(Top 3 in Cape Town and top 12 out of 50+ teams – Ayoba Hackathon)*

- Developed a advertising web application for small companies and the public.
- Used Node.js, Ayoba chat API and React.

Portfolio Website:

- Built a personal portfolio website showcasing software engineering projects.
- Leveraged React for front-end development and deployed the site on Netlify.

Clinic Database Website

- Created a clinic management system that handles patient data and appointment scheduling.
- Built with HTML, CSS and PHP, and stored data using XAMP.

EDUCATION

Online Python Bootcamp, GirlCode ZA, 2023

- Focused on Python development, web frameworks, React, Tailwind CSS, Databases and deployment.

Bachelor of Science Honours in Plant Pathology, University of KwaZulu-Natal, 2021

- Honours thesis involved data analysis and modeling, highlighting analytical skills transferable to software development.

Bachelor of Science in Microbiology & Plant Pathology, University of KwaZulu-Natal, 2019

- Undergraduate degree in science.

REFERENCES

- *Aneeqah Petersen* – People Operations Specialist (2U)
  Apetersen1@2u.com
- *Bianca Crozier* – Senior Talent Development Coach (Capaciti)
  +27 21 352 7226/ bianca.crozier@capaciti.org.za