

Mahlathini Tebatso

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Objective

I am a dedicated, driven and curious graduate of the University of Pretoria, holding a degree in Information and Knowledge Systems with a strong foundation in Computer Science. I complemented my core studies with electives in Multimedia and Informatics, broadening my technical and creative skill set. My ambition is to excel as a software developer or engineer, focused on building impactful and effective solutions. I am now actively seeking a full-time position where I can apply my knowledge, enhance my development skills, and contribute meaningfully to an organization's success as I build a strong foundation for my professional career.

Portfolio:tebatsomahlathini.vercel.app

Education

- **University of pretoria** 2022 - 2025
Bsc in information technology in information and knowledge systems
- **Kopano senior secondary school** 2016 - 2020
National senior certificate
Top 3

Technical Skills

- C++
- C#
- Java
- Api integration
- SQL
- JSON
- XML & HTML
- PHP
- NodeJs
- React &Next.js
- .net framework
- Ionic and angular
- Javascript & typescript
- Microsoft office
- Visual studio
- Visual studio code
- Visual paradigm
- Postman
- Git and GitHub
- Drawio
- CGI scripts
- Vue
- Swagger
- MS SQL server 2019+
- PostgreSQL

Soft Skills

- Communication: Developed a strong and written Communication through tutoring peers
- Team work and collaboration: Experienced in working within study groups and project teams to solve problems and share knowledge effectively
- Adaptability: Able to quickly adjust to new learning environments, technologies and team dynamics
- Time management: Balance between academics, tutoring responsibilities and personal commitments while meeting deadlines
- Work ethic and reliable
- Problem solving: Very good at analyzing challenges and finding practical solutions demonstrated in programming assignments, hackathons and academic projects
- Critical thinking: Apply logical and structured approaches to solve system and programming design challenges
- Computer literate
- Presentation: Proven ability to present complex technical solutions and ideas to diverse audiences and presenting solutions in academic setting, hackathons and practical assignments

Projects

- Software engineer-BRAD

Tyto Insight x DNS.Business

Github: <https://github.com/COS301-SE-2025/BRAD>

Bot to Report Abusive Domains is a cybersecurity web application that automates the investigation of domain abuse. The system extracts metadata, detects threats like malware and compiles forensic reports. It involved building a containerized bot for secure web scraping, integrating AI models for domain risk classification and developing a dashboard for forensic reporting. It was a comprehensive exercise in applying software engineering principles to cybersecurity, utilizing technologies like Python, Docker and AI.

Experience

- BridgeOne

2024 - 2024

Tutor

Providing guidance and support to students in grasping programming concepts in C# and C++ including OOP fundamentals such as inheritance, polymorphism, encapsulation, operator overloading, memory management, interfaces etc

- MAP PROGRAM(JCP)

2023 - 2023

Volunteer Tutor

Taught high school students maths, accounting and physical sciences concepts to help them to improve their results and confidence

Reference

- Mahlathini fortune - Power holdings

Electrical engineer

0792724613

- Sibanyoni Thoko - University of pretoria

Mentor

0799341479