

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