

ONALENNA KETSHABILE

CONTACT INFORMATION

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SUMMARY

I am a results-driven IT enthusiast with a strong background in Computer Science, Software Development, and Cloud Computing. Recognized for technical proficiency and a passion for exploring the intricate facets of IT. Dedicated to integrating robust security measures across organizational infrastructures. Currently pursuing an honors degree in Computer Science with a concentration in Cybersecurity, poised to leverage comprehensive technical skills to excel as a Cyber Security Professional, particularly adept in Penetration Testing.

WORK EXPERIENCE

Network Support Engineer , Cell C (Contractor)

October 2023 - Present

- Offer comprehensive support for two key projects: WifiCalling and SMSC.
- Investigate and resolve subscriber issues related to messages and calls at the network level using linux.
- Compile daily reports and monthly KPI reports for both projects to facilitate operational insights for Cell C.
- Enable MSISDN provisioning within the Wi-Fi calling system
- Create and configure SMPP accounts, and allocate Short Codes/MSISDNs to these accounts.
- Monitor the performance of SMPP accounts and services to identify those with the highest contribution to status codes.

IT Intern, Atos Pty Ltd

April 2023 - Present

- Collaborate closely with IT administration to provide comprehensive IT support for internal staff.
- Offer assistance to employees in tasks such as password resets, laptop setups, and other technical issues.
- Engage closely with the HR team to aid in various administrative tasks.

Notable Attribute: Recognized for consistently delivering results and getting the job done effectively.

Apprentice , Accenture and UJ Collaboration

March 2023 - April 2023

- Enhance proficiency in JavaScript, Python, and Machine Learning for Web Development.
- Execute coding assignments to demonstrate mastery and understanding.
- Participate in daily stand-up meetings, engaging in discussions centered around coding algorithms and techniques.

EDUCATION

Bachelor of Science Honors in Computer Science

Feb 2024 - present

University of Johannesburg

- Specialization in Cyber Security.
- Course Work: Information Security, Ethical & Legal Aspects of IT, Computer Forensics, Information Security in the WWW, Network Information Security, New Systems Development Paradigms, Information Security Risk Analysis

Bachelor of Science in Information Technology

Feb 2020- Nov 2022

University of Johannesburg

- Completed with an average of 76%.
- Specializing in Computer Science and Informatics (Software Development).
- Course Work: Informatics, Computer Science, Mathematics (Calculus, Applied Math, Linear Algebra, Discrete Math, Abstract Math).
- Awards Rewarded: Artificial Intelligence in the 4IR (SLP), Amongst Top 10 Performers in Informatics for the first semester of 2020 and 2021, Top 10 Overall Performers for the first semester of 2020.

PROJECTS

- **Internet Speed Test Using Python:** Developed a straightforward program that measures the download and upload speed of the connected internet.
[Check project on Github](#)
- **Password Strength Checker Using Python:** Designed a program that evaluates the strength of a user's password by ensuring it meets specific criteria.
[Check project on Github](#)
- **Simamisa:** This was my final year project during my undergraduate studies. It garnered attention from esteemed organizations such as Boxfusion. The project aimed to create a unified platform for orphanages to streamline communication, sponsorship, and donations. While my primary role was as a front-end developer, I also contributed to backend development and mobile development due to the workload associated with the project.
[Click here for Mini Presentation](#)

ADDITIONAL INFORMATION

- **Technical Skills:** Linux Administration, Telecom, Scripting (Bash), Python, Java, Web Development (HTML, CSS, JavaScript, React), API Development and Integration, Cloud Computing (AWS, Azure)
- **Non-Technical Skills:** Communication, Problem-Solving, Attention to Detail, Time Management, Teamwork
- **Languages:** English, Tswana
- **Certifications:** (ISC)² Certified in Cyber Security, AWS Cloud Practitioner, Microsoft Certified: Azure Fundamentals, TryHackMe Advent of Cyber