Bheki Ngwenya

Anti Curriculum Vitae

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website linkedin.com/in/bheki-ntando-ngwenya01   *github*
github.com/Mabhekane0100000

SUMMARY

A versatile professional with a unique, hybrid background in both network engineering and full-stack software development. Leveraging a modern tech stack including Java, Node.js, React, and Docker, I excel at designing, building, and deploying robust applications with a deep understanding of the underlying network infrastructure. This dual expertise, demonstrated at CMC Networks, allows for the creation of highly optimized and resilient systems from the ground up. I am driven to apply this comprehensive skill set to solve complex technical challenges and deliver high-performance solutions.

EDUCATION

BSc in Information Technology   December 2022 North-West University

WORK EXPERIENCE

Network Engineer & Software Developer, CMC Networks 2023-07-01 - Present Building H, The Woodlands, Office Park, 20 Woodlands Dr, Woodmead, Sandton, 2191

- Engineered and maintained real-time monitoring systems achieving 99.9% uptime across critical infrastructure using Python and monitoring tools;

- Developed automated reporting dashboards reducing manual report generation time by 60% through data integration and visualization;

- Collaborated with cross-functional teams to implement security policies and anomaly detection systems, strengthening network perimeter defense;

- Led incident response and root cause analysis for critical system failures, documenting solutions and implementing preventive measures;

- Built centralized Data Lake architecture streamlining performance metrics collection and analysis across multiple systems;

- Integrated multiple service platforms (Fresh Services, PRTG, inventory systems) enabling real-time asset visibility and management

SKILLS

Technical Skills	java, c#, nodejs, reactjs, mongodb, docker, typescript, javascript, c++, system analysis