

Sipho Ndlalane

Junior Software Engineer

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📍 South Africa, Gauteng

🚗 Code C1

🌐 <https://www.linkedin.com/in/sipho-ndlalane-802534187/>

🔗 <https://github.com/siphonhata>

🔗 <https://sipho-ndlalane-portfolio.web.app/>

Profile

I am a proactive individual that is intrigued by the world of software and embedded systems development and am looking forward to acquiring experience and broadening my knowledge in industries that offer these or related opportunities. I am eager to be challenged in order to grow and further improve my IT skills. My greatest passion in life is using my technical skills to benefit other people and organizations. I am however open to tackling new challenges and working with new technologies including new languages, tools and frameworks.

Professional Experience

2024/01 – present
Johannesburg,
South Africa

Junior Software Engineer

TAUSPACE [🔗](#)

- Develop base code and integrate observability into both new and existing systems.
- Worked with RESTful APIs to create and manage data services.
- Deploy, automate, maintain, and manage platforms ensuring availability, performance, scalability, and security.
- Conduct pre-production acceptance testing, troubleshoot systems, suggest improvements, evaluate new technologies, and ensure ongoing security monitoring.
- Implement and maintain monitoring tools such as Grafana and Prometheus.

2023/07 – 2023/12
Johannesburg,
South Africa

Developer Intern

TAUSPACE [🔗](#)

- Assist in developing base code and integrating observability into new and existing systems.
- Support deployment, automation, maintenance, and management of platforms for availability, performance, scalability, and security.
- Participate in pre-production acceptance testing, troubleshoot systems, propose enhancements, explore new technologies, and contribute to ongoing security monitoring efforts.
- Integrated third-party APIs to enhance the functionality of applications.

2021/09 – 2023/02
Pretoria, South Africa

Test Engineer Intern

E BITZ ELECTRONIC ENGINEERING SOLUTIONS

Silverton, Pretoria · On-site

- Testing and quality checks for IoT Raptor unit
- Perform software testing, testing capabilities of various equipment
- Collaborated with cross-functional teams to identify and resolve software issues, ensuring the delivery of high-quality products
- Executed test plans, test cases, and test scripts to validate software functionality and performance
- Utilized automated testing tools and frameworks to improve testing efficiency and accuracy

Education

2018/01 – 2022/04 South Africa	National Diploma in Information Technology (Intelligent Industrial Systems) <i>Tshwane University of Technology</i>
2013/01 – 2017/11 South Africa	Matric (Grade 12) <i>Edward Phatudi Comprehensive School</i>

Skills

Docker	Linux
Web Development	Object-oriented programming
Relational database management	Version control systems
Java/C#/Elixir/PHP/	API design and development
Systems architecture and design	Scripting languages (e.g. Bash)
Networking/distributed systems	Monitoring

Certificates

- Responsive Website Basics: Code with HTML, CSS, and JavaScript [↗](#)
- DevOps Beginners to Advanced with Projects [↗](#)
- Succeeding in Web Development: Full Stack and Front End [↗](#)
- Become a Software Developer [↗](#)

References

Magash Pillay, *Manager*, TAUSPACE
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