

# 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-portfolio-app1.web.app/>

## Profile

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I am a proactive and passionate software and embedded systems developer eager to expand my expertise and gain hands-on experience in industries that align with my skills. I thrive on challenges that foster growth and continuous improvement in my IT abilities. My greatest passion lies in leveraging technology to create meaningful and scalable solutions that benefit both individuals and organizations. I am always open to exploring new challenges and staying adaptable by working with emerging technologies, programming languages, tools, and frameworks.

## Professional Experience

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2024/01 – 2024/12

### Junior Software Engineer

Johannesburg,  
South Africa

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

### Developer Intern

Johannesburg,  
South Africa

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

### Test Engineer Intern

Pretoria, South Africa

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

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

## Skills

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DevOps	Linux
React/ Next js	Object-oriented programming
Relational database management	Version control systems
C#/C++/Java	API design and development

## Certificates

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- AWS Certified Cloud Practitioner
- Back End Development and APIs
- Learn to build an e-commerce store with .Net, React & Redux
- DevOps Beginners to Advanced with Projects [↗](#)
- Succeeding in Web Development: Full Stack and Front End [↗](#)

## References

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**Magash Pillay**, *Manager*, TAUSPACE  
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**Nokuthula Mokoena**, *Production Manager*, E BITZ ELECTRONIC ENGINEERING SOLUTIONS  
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