



Phumla Sithole

software engineer

Contact

- +2772-283-8181
- phumlasj@gmail.com
- Johannesburg, 2940
- www.linkedin.com/in/phumla-sithole
- hilarious-licorice-9d0106.netlify.app

About Me

Proactive Graduate Engineer with a background in Electrical Engineering and Systems Development. Excel in software development, data analysis, and system optimization using Python, SQL, and Java. Passionate about driving innovation and efficiency, eager to contribute to cutting-edge projects in a dynamic team environment.

Skills

- Software Development: Python, SQL, Java, REST API, Web Development
- Data Integration & Reporting: Power BI, Data Cleaning, Large Data Integration and Electronics
- Technical & Soft Skills: Process Optimization, Testing, IoT, Troubleshooting and Collaboration

Education

- Advanced Diploma in Information Resource Management**
UNISA 2025
 - Focus on ICT service management, ITIL and COBIT best practices, end-to-end service delivery, and information security.
- Diploma in Systems Development(IT)**
WeThinkCode 2022 - 2024
 - Focus on Python, Java and C# development, object orientation, distributed systems, and QA testing.
- National Diploma, Electrical Engineering**
Mangosuthu Technikon 2016 - 2019
 - Emphasis on circuit design, troubleshooting, project management, and hardware-software integration.

Experience

- Developer and Data Analyst**
City of Johannesburg 2024 - 2025
 - Developed and maintained applications that streamlined operational workflows and improved productivity.
 - Designed and deployed data-driven dashboards and reports using Power BI and SQL to support property branch operations.
 - Implemented automated data cleaning and integration workflows, reducing manual intervention and enhancing scalability.
- Bootcamp Assistant (Volunteer)**
WeThinkCode 2023 - 2023
 - Delivered hands-on Python3 training, breaking down complex programming concepts to boost participant understanding.
 - Resolved technical challenges to ensure a smooth learning experience for bootcamp participants.
 - Fostered collaboration through group discussions and peer mentoring.
- Web Developer**
TECH-A-INTERN 2024 - 2024
 - Built and launched responsive web applications using HTML, CSS, and JavaScript.
 - Managed workflow independently, troubleshooting challenges and fostering problem-solving and self-learning abilities.
- Junior Technician**
The MakerSpace 2019-2020
 - Led electrical engineering training initiatives, collaborated on IoT projects, and improved coding skills.
 - Integrated hardware and sensors, managed signal processing, resolved technical issues, and performed machinery maintenance.

References

Available upon request