

# MTHOBISI INNOCENT ZUNGU

Pretoria, South Africa

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🌐 [LinkedIn Profile](#)

## PROFESSIONAL SUMMARY

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A BSc graduate in Physical Sciences, leveraging a rigorous foundation in Physics and Mathematics to build robust, high-quality software solutions. Combines strong analytical problem-solving skills with hands-on experience in full-stack development, including backend systems, front-end interfaces, API integration, and database design.

Driven by a curiosity to solve complex, real-world challenges, I bring a scientific mindset to the software development lifecycle—from designing and developing to testing and maintaining scalable applications. Proficient in Python and modern engineering principles, with a proven ability to automate workflows, process data, and deliver reliable, maintainable code.

A collaborative team player comfortable working with cross-functional teams to analyze requirements, troubleshoot issues, and drive projects to completion. Passionate about continuous learning and innovation, I am committed to contributing measurable impact within forward-thinking organizations where technology and growth intersect.

## TECHNICAL SKILLS

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**Programming Languages:** Python, JavaScript (ES6+), HTML5, CSS3

**Frameworks & Technologies:** React (beginner), TailwindCSS, REST APIs, Microsoft Graph API, API Design & Integration

**Databases & Data:** SQL (HeidiSQL), Database Design, CRUD Operations, CSV & JSON Processing

**Tools & Platforms:** VS Code, PyCharm, GitHub, Google Colab, Microsoft Teams API

**Currently Learning:** TypeScript, Node.js, Express.js, Modern JavaScript (ES6+), Object-Oriented Programming in Java

## SOFT SKILLS

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- Team Collaboration & Cross-functional Leadership
- Clear Written & Verbal Communication
- Proactive Problem-Solving & Critical Thinking
- Effective Time Management & Project Ownership
- Active Listening & Professional Relationship-Building
- Reliable Professionalism & Proactive Initiative

## PROFESSIONAL EXPERIENCE

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### **Junior Software Engineer / Trainee Developer**

*Mindworx Academy & Consulting – Internal Pods*

*31 July 2025 – 31 March 2026*

- Contributed to the **design, development, testing, and debugging** of an Automated Attendance Register system
- Analysed system requirements and implemented technical solutions aligned with business needs
- Developed backend data pipelines and automation scripts using Python
- Built frontend components using JavaScript, HTML, and CSS
- Integrated Microsoft Graph API to retrieve real-time attendance data
- Designed and maintained relational database schemas using SQL (HeidiSQL)
- Applied strong problem-solving skills to troubleshoot system and data issues
- Collaborated with team members and produced technical documentation and progress reports

### **Interim Residence Manager**

*Sefako Makgatho Health Sciences University*

*01 August 2022 – 30 April 2023*

- Demonstrated leadership, professionalism, and accountability in a regulated environment
- Analysed operational challenges and proposed structured solutions
- Compiled detailed reports and communicated effectively with stakeholders
- Strengthened teamwork, time management, and organizational skills

## EDUCATION

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### **Occupational Certificate: Software Engineer (NQF Level 6) – In Progress (2026)**

Mindworx Academy

### **Bachelor of Science (Mathematics & Physical Sciences) – 2023**

Sefako Makgatho Health Sciences University

### **National Senior Certificate – 2016**

Mlokothwa High School

## CERTIFICATIONS & SHORT COURSES

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- Cisco: Cybersecurity, Computer Hardware, Networking, IoT & Digital Transformation
- Cisco: Engaging Stakeholders
- freeCodeCamp: College Algebra with Python

## INTERESTS

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Chess, Football, Foreign Exchange Market Analysis, Reading, Hiking, Travelling, Cooking & Baking

## REFERENCES

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**Refiloe Lechokgohla** — Project Manager, Mindworx Academy  
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**Zakhele Magagula** — Private Tutor, Inimitable Academy  
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