

# MIYAKAZI MAFUDUKA

## Junior Developer and Automation Specialist

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🐙 github.com/Miyakazi89    https://github.com/Miyakazi89

### PROFILE

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I am a proactive ICT professional currently pursuing a Postgraduate Diploma in ICT Application Technology at Cape Peninsula University of Technology. As a Software Developer Intern at CAPACITI, I have gained hands-on experience in frontend development, full-stack coding (Java, Python, JavaScript, React, HTML, CSS), database management (MySQL, PostgreSQL), and cloud platforms like Microsoft Azure. I specialize in building responsive and interactive user interfaces using React, complemented by strong skills in HTML, CSS, and JavaScript. I have obtained both the Microsoft Azure Developer Associate (AZ-204) and Azure Fundamentals (AZ-900) certifications, and completed SAP Fundamentals certificates, enhancing my understanding of enterprise solutions and business processes. I am eager to expand my expertise in frontend development, React, cloud computing, and full-stack web development while contributing to team success through strong problem-solving and communication skills.

### WORK EXPERIENCE

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|---|-------------------------|
| <b>Software Developer Intern, CAPACITI</b>  | 10/2024 – Present       |
| <b>Frontend Development &amp; Full-Stack Projects</b>   | Cape Town, South Africa |
| <ul style="list-style-type: none"><li>Designed, developed, and maintained responsive user interfaces using <b>React</b>, <b>HTML</b>, and <b>CSS</b> to enhance user experience.</li><li>Built and deployed full-stack applications, including an <b>E-commerce platform</b>, <b>Task Manager app</b>, and <b>Weather app</b>, using <b>Render</b> for deployment.</li><li>Developed and maintained <b>RESTful APIs</b> using <b>Spring Boot</b> for backend services.</li><li>Implemented <b>CRUD operations</b> and integrated backend APIs with frontend applications.</li><li>Managed <b>MySQL</b> and <b>PostgreSQL</b> databases, optimized SQL queries, and ensured data integrity.</li><li>Tested and validated APIs using <b>Postman</b> and <b>Insomnia</b> to ensure performance, reliability, and security.</li><li>Implemented <b>JWT authentication</b> and security measures to protect backend endpoints.</li><li>Used <b>Docker</b> for containerizing applications, streamlining development and testing workflows.</li><li>Worked in a <b>hybrid team environment</b>, effectively collaborating both remotely and on-site to meet project goals</li></ul> |                         |
| <b>Automation &amp; Integration using Workato</b>   |                         |
| <ul style="list-style-type: none"><li>Designed, developed, and deployed automated workflows using <b>Workato</b>, integrating business tools like <b>Slack</b>, <b>Google Sheets</b>, <b>Gmail</b>, and internal systems.</li><li>Created and configured Workato <b>recipes</b> to automate repetitive tasks, reducing manual workload and increasing operational efficiency.</li><li>Integrated <b>Slack modals and interactive components</b> to collect user input and trigger automated workflows for <b>Leave Requests</b> and <b>IT Support Ticketing</b>.</li><li>Utilized <b>conditional logic</b>, <b>data mapping</b>, and <b>lookup tables</b> within recipes to manage complex automation scenarios.</li></ul>  |                         |

- Implemented **error handling, logging, and notifications** for reliable and maintainable automations.
- Collaborated with cross-functional teams to gather requirements and design automation solutions aligned with business objectives.
- Documented integration workflows, configuration steps, and user interaction processes for knowledge sharing and maintenance.
- Ensured automation workflows adhered to **data privacy and security standards** through **role-based access** and secure data handling.
- Contributed to **automation strategy sessions**, offering insights into process improvements and identifying new automation use cases.

#### **First Line Support Engineer, Datacentrix(Engen)**

01/2024 – 09/2024

Cape Town,  
South Africa

- Respond to customer queries raised face-to-face, by email or by phone, accurately identifying the urgency, impact and priority of a call, troubleshooting as far as possible, and gathering information.
- Monitoring and generate incidents and requests via Ticket Management System(SNOW).
- Resolving tickets in a timely manner(SLA), keeping the customer updated at all stages of the process.
- Create and manage user accounts using Active Directory and MS Exchange.
- Taking ownership of incidents assigned to me and manage them through to resolution
- Use 0365 tools to improve efficiency, streamline workflows, and facilitate remote or hybrid work environments
- Used SharePoint to share and manage content and applications to empower teamwork, quickly find information, and seamlessly collaborate across the organization.
- Installed, monitored, and maintained computer systems and networks while identifying equipment shortages and placing necessary orders.
- Organise and schedule upgrades and maintenance without deterring others from completing their work. responsible for Laptop hardware / desktop hardware / printer hardware.
- Set up workstations with computers and necessary peripheral devices (routers, printers, etc.).

## **EDUCATION**

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#### **Adv Dip in ICT in Application Technology, Cape Peninsula University of Technology**

01/2023 – 12/2023  
Cape Town, Completed

#### **Dip in ICT in Application Technology, Walter Sisulu University**

01/2019 – 12/2022  
East London,  
Completed

#### **Matric, National Senior Certificate**

01/2015 – 12/2017  
Bizana, Completed

#### **Postgraduate Diploma in ICT Application Technology, Cape Peninsula University of Technology**

01/2024 – 12/2025  
Cape Town, In-Progress

## SKILLS

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- Hybrid work experience (remote and on-site)
- Developing high-quality, responsive UI using React, HTML, and CSS
- RESTful API design and development using Spring Boot
- API testing using Postman and Insomnia
- Communication Skills
- Working Independently and Self-Motivation
- Strong problem-solving and analytical skills
- Problem-Solving and Analytical Thinking
- Database management (MySQL, PostgreSQL), query optimization, and data integrity
- Ability to prioritize tasks, manage workloads, and meet SLAs while maintaining high-quality work.
- Leadership Skills

## References

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**Miss Maliwa A**, *Development Coach*, Capaciti  
Afika.maliwa@capaciti.org.za, 0786922178

**MR Matebese Zola**, *Supervisor*, Cape Peninsula University of Technology  
matebesez@cput.ac.za, 0664028516

**Ms Magadu Xoli**, *Supervisor*, Datacentrix  
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