MIYAKAZI MAFUDUKA

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PROFILE

I am a proactive ICT professional currently pursuing a Postgraduate Diploma in ICT Application Technology at Cape Peninsula University of Technology. As a API Backend Developer at CAPACITI, I have gained hands-on experience in backend development, full-stack coding (Java, Python, JavaScript, React, HTML, CSS), database management (MySQL, PostgreSQL), and cloud platforms like Microsoft Azure.I specialize in designing and developing RESTful APIs, leveraging Spring Boot for backend services and React for dynamic front-end applications. Additionally, I have obtained the Microsoft Azure Fundamentals (AZ-900) certificate and completed SAP Fundamentals certificates, enhancing my understanding of enterprise solutions and business processes.I am eager to expand my expertise in backend development, React, cloud computing, and full-stack web development while contributing to team success through strong problem-solving and communication skills.

EDUCATION

Cape Peninsula University of Technology, Cape Town   *In-Progress*
Postgraduate Diploma in ICT Application Technology

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

Walter Sisulu University, East London,   *Completed*
Dip in ICT in Application Technology

National Senior Certificate, Bizana   *Completed*
Matric

WORK EXPERIENCE

API Backend Developer, CAPACITI   *October 2024- Present*

- *Design, develop, and maintain RESTful APIs using Spring Boot for backend services.*
- *Implemented CRUD operations and integrated APIs with frontend applications (React)*
- *Managed relational databases (MySQL, PostgreSQL), optimized queries, and ensured data integrity.*
- *Tested and validated APIs using Insomnia and Postman to ensure reliability, performance, and security.*
- *Developed and implemented authentication and security measures (JWT) to protect APIs from vulnerabilities.*
- *Worked with Docker for containerizing applications to improve development and testing workflows.*

- *Developed high-quality, responsive user interfaces using React, HTML, and CSS to enhance user experience.*
- *Built and deployed projects, including an E-commerce platform, Task Manager app, and Weather app, using Render for deployment.*
- *Worked in a hybrid environment, effectively collaborating both remotely and on-site to ensure smooth project delivery.*

First Line Support Engineer, Datacentrix(Engen)   June 2024- September 2024

- 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.).

SKILLS

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

REFERENCES

MR ZMATEBESE / Supervisor 0694500520 matebesez@cput.ac.za

MR L.Ntlemeza/ Lwando.Ntlemeza@Capaciti.org.za/Supervisor

MR. T Mashabane 0664028516