

RACHEL MADZUNYA

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PROFESSIONAL SUMMARY

Junior **Full Stack Software Developer** with over one year of hands-on experience building, testing, and supporting internal business applications. Strong foundation in Python (Django), JavaScript, SQL databases, and RESTful APIs, with experience across the full Software Development Lifecycle (SDLC). Adept at translating business requirements into scalable, user-friendly solutions and collaborating with stakeholders to deliver reliable systems. Passionate about clean code, performance optimization, and continuous learning.

PROFESSIONAL EXPERIENCE

Business Development Analyst Intern, May 2024 – Present
Ketelopele Solutions, 01 Boundary Road, St Andrew, Jackal Greek Golf Estate, Roodepoort, 2169

- Designed, developed, and maintained internal web applications using **Django, JavaScript, HTML5, CSS3, ReactJS, and MySQL**.
- Built and integrated **RESTful APIs** to enable efficient front-end and back-end communication.
- Participated in the full **SDLC**, including requirements analysis, solution design, development, testing, deployment, and post-release support.
- Collaborated with stakeholders to gather requirements and translate business needs into functional system features.
- Conducted functional testing, debugging, and validation to ensure system reliability before deployment.
- Optimized front-end performance through asynchronous data loading, reducing page load times by approximately **30%**.
- Assisted with deployments, monitored system stability, and addressed post-release issues.
- Maintained version control using **Git/GitHub** and adhered to clean code and coding standards.

- Designed **mobile-first, user-friendly interfaces** with a focus on usability and accessibility.
- Prepared system documentation and user guidance to support training and adoption.

KEY PROJECT EXPERIENCE

FSPro Lite – Funeral Policy Management System

Full Stack Django Application

- Designed and developed a business automation system for managing members, policies, payments, account holders, and reports.
- Implemented secure **CRUD functionality**, modular architecture, and role-based access control.
- Developed **payment tracking and status monitoring** features with historical records.
- Built analytics dashboards and reports to support operational and financial decision-making.
- Collaborated closely with business users to continuously refine system usability and performance.

TECHNICAL SKILLS

- HTML5, CSS3, JavaScript (ES6+), ReactJS
- Python (Django), NodeJS (basic)
- RESTful API development & integration
- MySQL, PostgreSQL
- SQL queries, joins, reporting
- Git, GitHub, Bitbucket
- Visual Studio Code, Postman, Jira
- AWS (foundational exposure), Microsoft Azure (foundational exposure)
- Unit Testing, Functional Testing
- Chrome DevTools, Django Debug Toolbar

SOFT SKILLS

- Analytical & Logical Thinking
- Problem Solving & Debugging
- Stakeholder Communication
- Team Collaboration
- Time Management & Accountability
- Adaptability & Continuous Learning

EDUCATION

Bachelor of Information Technology in Business Systems

IIE Rosebank College – 2023

Higher Certificate in Information Technology: Support Services

IIE Rosebank College – 2021

National Senior Certificate (Matric)

Mbilwi Secondary School – 2018

CERTIFICATIONS

- Microsoft AI Fluency Course
- Python Programming – SoloLearn
- HTML5 & CSS3 Fundamentals – SoloLearn
- SQL Database Introduction – SoloLearn

REFERENCES

Sechaba Machesa

Manager – Ketelopele Solutions | 078 801 3673 | smachesa@gmail.com

Thabiso Moyo

Lecturer – IIE Rosebank College | 076 900 5669 | thabisopm@gmail.com