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Top Skills

Linux Tools
Database Systems
Software Engineers

Certifications

AWS Certified Cloud Practitioner
Verizon - Cloud Platform Job Simulation
AWS Knowledge: Cloud Essentials
Mastercard - Cybersecurity Job Simulation

Seward Mupereri

Software Engineer | Full-Stack Python Developer | Driving Efficiency with Production-Ready Systems
Pretoria, Gauteng, South Africa

Summary

Early career Software Engineer with a passion for transforming complex, data-intensive workflows into reliable, production-ready systems through full-stack Python development, cloud infrastructure, and AI-driven automation. I blend hands-on coding with a research-oriented problem-solving approach to deliver measurable ROI.

My recent work includes inventing and building the 'WP2 - Working Paper Populator,' a Python-based system that automated over 60% of audit working paper preparation, reducing turnaround from hours to less than minutes, significantly boosting auditing productivity by 60%, and enhancing data accuracy. This solution helped leadership secure a new client contract within the first quarter and successfully onboarded 16 auditors in one week.

I focus on streamlining complex workflows and tackling tough problems head-on to speed up delivery and improve the overall quality of what I build. My expertise spans FastAPI & React, Pandas, NumPy, Streamlit, Tkinter, OpenPyXL, AWS, Git, Power Automate, LangChain, LLMs, SQL, Linux, and Prompt Engineering.

I thrive in collaborative environments and am continuously seeking opportunities to apply my technical skills to make a meaningful impact. Open to remote and hybrid roles. Let's connect to discuss how I can bring value to your organization!

Experience

RBR Group Pty Ltd
Junior Software Engineer
October 2024 - September 2025 (1 year)
Pretoria, Gauteng, South Africa

- Built WP2 Working Paper Populator (Python/Streamlit) - reduced audit prep from 3-4 hours to <5 minutes (60% productivity gain)

- Secured new client contract through live demo to prospects within first quarter
- Set up Microsoft 365 infrastructure: 20+ user accounts, SharePoint with role-based access for audit teams
- Automated workflows: data extraction (40% faster), report generation (saved 2 hours daily), compliance tracking
- Created SOPs and documentation, reducing new auditor onboarding from 3 days to 1 day
- Provided IT support for auditing software and systems across 20-person organization

Bitcoin Events

Business Development Intern

August 2024 - October 2024 (3 months)

Gauteng, South Africa

- Drove market research that surfaced five new partnership lanes within blockchain & crypto.
- Supported planning & execution of two 1,000+-delegate conferences, liaising with cross-functional teams.
- Honed professional soft skills and workplace etiquette, including clear communication, proactive collaboration, and effective time management.
- Set up the company's Microsoft 365 business account: activated licenses, created and managed user accounts, and established a centralized SharePoint site with access controls for a team of 20, enabling secure, collaborative daily workflows.
- Automated multiple daily workflows across auditing and administration processes, significantly improving efficiency and reducing turnaround times for key tasks.

Self Employed

Graphic Designer

September 2016 - July 2024 (7 years 11 months)

South Africa

- Guided new businesses in crafting compelling brand identities.
- Collaborated with established enterprises for consistent brand representation.
- Developed effective communication skills and integrated social media marketing strategies.

Education

European University of Lefke (EUL)

Bachelor's Degree, Computer Engineering · (September 2020 - June 2024)

European University of Lefke (EUL)

Bachelor of Science · (September 2020 - June 2024)