

MESHACK MOEKETSI MTHIMKHULU

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PROFESSIONAL SUMMARY

Results-driven Junior Software Engineer with 2+ years of hands-on experience in Front end development, DevOps, and legacy system modernization. Proficient in C#, ASP.NET Core, SQL, Python, and Azure, with a focus on optimizing system performance and automating workflows. Adept at Agile collaboration, CI/CD pipelines, and cloud infrastructure management.

CORE COMPETENCIES

- **Languages:** C#, Visual Basic, Python, SQL, PowerShell, Bash
 - **Cloud/DevOps:** Microsoft Azure (Infrastructure, Security, CLI), Docker, Ansible, Azure DevOps
 - **Frameworks:** ASP.NET Core, Entity Framework
 - **Databases:** SQL Server, Query Optimization
 - **Tools:** Jira, Azure Monitor, IBM Netcool
 - **Practices:** Agile, CI/CD, Infrastructure as Code (IaC), Legacy Code Refactoring
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PROFESSIONAL EXPERIENCE

Software Engineer Intern

Sanlam Retail Mass

October 2024 – Present

- **Policy Status Resolution:** Addressed a business-side bottleneck by implementing Pending in Force status updates via SQL on GAP 2.0, resolving 12+ stuck policies and improving workflow efficiency by 30%
- **Batch 2 (P7) – Automatic Copy of Claim Docs:** Developed GAP 2.0 functionality to automate claim document copying upon triggering the Launch Claim button, streamlining workflows for the Claims Team and reducing manual document handling by 50%.
- **Debugged and optimized legacy VB/SQL systems (GAP 1.0) and modernized ASP.NET Core/SQL applications (GAP 2.0),** resolving 10+ critical bugs monthly.
- **Redesigned legacy VB6 Month End Runner into a C# web-based system,** improving user efficiency by 25% through responsive UI/UX enhancements.
- **Automated user access provisioning for 12+ employees via SQL database modules,** reducing onboarding time by 15%.

- Collaborated with cross-functional Agile teams using Jira, achieving 95% sprint completion rates.

DevOps Engineer Intern

IBM South Africa

April 2022 – March 2024

- Automated IBM deployments using PowerShell/CLI, reducing deployment times by 40%.
- Managed IBM infrastructure (VMs, networking, storage) with Ansible, achieving 99.8% uptime.
- Enhanced security via IBM Cloud IAM and Key Vault, resolving 8+ vulnerabilities.
- Monitored systems using IBM Instana Observability, cutting downtime by 30%.

TECHNICAL PROJECTS

ETL Pipeline Projects – Personal GitHub

github.com/Meshack132

- Developed custom ETL pipelines using Python for structured and semi-structured data.
- Automated data ingestion, transformation, and loading processes using Pandas and SQLAlchemy.
- Integrated CI/CD pipelines for data workflows via GitHub Actions.

AIOPS IBM Netcool – SITA

- Automated IT operations using **Python/Ansible**, improving response times by 30%.
- Reduced deployment time by 40% through scripted configurations.

Event Automation – Standard Bank

- Containerized legacy z/OS components using **Docker**, boosting deployment efficiency by 25%.

Legacy Code Refactoring – Standard Bank

- Modernized COBOL code using **IBM Refactor Assistant**, reducing complexity by 40%.
- Improved system stability by 20% with Java-based architecture.

EDUCATION

- **NQF5 in System Development** | Torque IT | 2022
 - **IIE Diploma in Information Technology (Software Development)**
| IIE Rosebank College | 2016
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CERTIFICATIONS

- Microsoft Azure Fundamentals (AZ-900) | 2023
 - CompTIA Cloud+ | 2022
 - IBM Cloud Advocate | 2022
 - IBM Data Science Professional | 2024
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PROFESSIONAL DEVELOPMENT

- Active participant in coding communities like Fnb App Academy and hackathons.
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