SIYANDA MTHIMKHULU

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kaoz-dev.github.io

SUMMARY

Motivated and detail-oriented DevOps Trainee with a strong foundation in Linux fundamentals, Infrastructure as Code (IaC), and cloud server administration. Skilled in automation, container orchestration, and CI/CD pipelines using tools like Docker, Kubernetes, Terraform, and GitLab CI. Passionate about continuous learning, I bring a proactive mindset to streamline processes, improve system reliability, and drive operational excellence. Committed to leveraging my technical expertise and collaborative approach to deliver scalable, efficient solutions in dynamic environments.

WORK EXPERIENCE

Software Testing and Automation Intern | Kinetic Skunk   **July 2024 - December 2024**

- Developed a capstone project alongside the best DevOps, Automation, and Testing Leads.
- Used Git and GitFlow for version control, ensuring collaboration management across projects.
- Leveraged GitLab CI to implement robust CI/CD pipelines, automating build, test, and deployment processes.
- Utilized Docker to containerize applications for consistent environments.
- Enhanced Python development with pipenv for dependency management, ensuring isolated and reproducible builds.
- Implemented automated testing with Selenium and Behave.
- Used Postman to design, document, and test APIs efficiently.
- Further developed abilities and cemented acquired knowledge with a learning-focused mindset.
- Engaged in continuous learning to stay abreast of emerging technologies (such as Azure & cloud) and best practices in software development.

Graduate DevOps Trainee | Kinetic Skunk   **Jan 2025 - Current***

- Implemented Infrastructure as Code (IaC) using Terraform and Terragrunt for scalable, automated infrastructure provisioning.
- Gained hands-on experience with Kubernetes for container orchestration and management.
- Administered and maintained Azure servers, optimizing performance and reliability.
- Streamlined processes with automation and orchestration tools to enhance operational efficiency.
- Engaged in job shadowing to observe and learn best practices from experienced DevOps professionals.

EDUCATION

Diploma ICT: Applications Development   **December 2024**
 Cape Peninsula University of Technology

ADDITIONAL INFORMATION

- **Technical Skills:** Version Control (git, gitflow), Linux (bash,WSL2,ubuntu), RESTApis, Python (automation and testing), cloud, docker, JMeter, Azure, Java, Postman, Automation, CI/CD .
- **Languages:** English, Isizulu
- **Certifications:** Microsoft Certified: Azure Fundamentals, GitLab CI Fundamentals, HackerRank : Rest API (Intermediate)
- References : Ihsaan De Villiers - QA Engineer & Learning and development lead - ihsaan@kineticSkunk.com