

THABO JAFTA

Devops Engineer

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📍 Johannesburg

SUMMARY

Results-driven DevOps Engineer with expertise in Cloud infrastructure, CI/CD automation, and containerized application deployment. Proven track record of building scalable solutions across AWS environments while leveraging modern DevOps tools including Kubernetes, Docker, Jenkins, and Terraform. Combines strong full-stack development foundation with cloud-native engineering practices to deliver efficient, reliable, and secure systems. AWS Certified Cloud Practitioner and Kubernetes Certified with hands-on experience in automating workflows, optimizing infrastructure, and collaborating across development and operations teams.

PROFESSIONAL EXPERIENCE

 Devops Engineer FirstRand Corporate Centre x Wipro	04/2025 - Present
	Sandton, South Africa
<ul style="list-style-type: none">Automated CI/CD pipelines using GitHub Actions, reducing deployment time and improving release consistency across multiple environments.Configured and managed containerized applications using Docker and Kubernetes, enabling scalable and resilient application delivery.Implemented infrastructure monitoring and alerting using AWS CloudWatch, proactively identifying and resolving issues before impacting production.Managed version control workflows and collaboration using Git and GitHub, establishing branching strategies that improved team productivity.Troubleshooted and resolved complex issues in build, deployment, and infrastructure workflows, minimizing downtime and ensuring system reliability.Maintained AWS cloud infrastructure including EC2, S3, RDS, and Lambda, optimizing resource utilization and cost efficiency.	
 DevOps/Software Associate Wipro	10/2024 - 03/2025
	Sandton, South Africa
<ul style="list-style-type: none">Developed responsive front-end user interfaces using React.js, HTML5, CSS3, and Node.js, enhancing user experience and application performance.Designed and implemented backend systems using Node.js and Express.js, ensuring robust server-side logic and seamless API integration.Built and maintained REST APIs and microservices using JavaScript and Jest, achieving comprehensive test coverage and reliable service delivery.Managed containerized environments using Docker and Kubernetes, streamlining deployment processes and enabling efficient application scaling.	
 Cloud Computing Apprentice Praesignis	10/2024 - 12/2024
	Johannesburg, South Africa
<ul style="list-style-type: none">Gained hands-on experience with core AWS services including EC2, S3, RDS, and Lambda through an intensive cloud computing training program.Configured virtual servers, cloud storage, and managed databases on AWS, implementing Infrastructure as a Service (IaaS) solutions.Developed proficiency in Linux OS, command-line tools, and shell scripting for infrastructure automation and system administration.Implemented networking and security best practices, including VPC configuration, security groups, and IAM policies to ensure secure cloud environments.Successfully completed AWS Certified Cloud Practitioner certification and AWS re/Start programme graduate, demonstrating foundational cloud knowledge and AWS service expertise.	

EDUCATION

 Bachelor of Technology, Mechanical Engineering University of Johannesburg	2016
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KEY ACHIEVEMENTS

CI/CD

Created reusable pipeline templates that reduced setup time for new projects from days to hours

Security + Audit

Implemented Graylog centralized logging across entire server infrastructure (66 servers), improving accountability and reducing investigation time for security and operational incidents by ~50%

Technical Reports

Documented 4 technical procedures and runbooks, improving knowledge sharing across teams

SKILLS

Tools

Java · AWS/Azure · Python · VMware ·

Linux · Docker · Kubernetes