

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

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Devops Engineer04/2025 - Present

FirstRand Corporate Centre x WiproSandton, South Africa

 - 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.
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DevOps/Software Associate10/2024 - 03/2025

WiproSandton, South Africa


 - 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.
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Cloud Computing Apprentice10/2024 - 12/2024

PraesignisJohannesburg, South Africa

 - 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

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Bachelor of Technology, Mechanical Engineering2016

University of JohannesburgJohannesburg
- ### 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