

JULES MUNYANEZA

DevOps & Cloud Engineer | Platform Engineering | AWS | Kubernetes | Terraform | Jenkins

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Date of birth: 15 July 1990 | Nationality: Rwandan | Location: Hamburg, Germany

PROFESSIONAL SUMMARY

DevOps and Cloud Engineer with hands-on experience designing cloud infrastructure, building CI/CD pipelines, automating deployments, and managing containerized applications using AWS, Kubernetes, Docker, Jenkins, Terraform, and Linux. Background in IT support, logistics operations, and web design, combined with strong analytical thinking, problem solving, and cross-functional communication skills. Motivated to contribute to platform engineering, infrastructure automation, and cloud-native delivery in a professional German IT environment.

CORE COMPETENCIES

Cloud infrastructure, platform engineering, Infrastructure as Code, CI/CD automation, containerization, orchestration, observability, Linux administration, REST API integration, technical documentation.

TECHNICAL SKILLS

- **Cloud Platforms:** AWS (EC2, IAM, VPC, EKS, ECR, S3, CloudWatch), Hetzner Cloud, DigitalOcean, Linode
- **Containers & Orchestration:** Docker, Docker Compose, Kubernetes, Helm
- **Infrastructure as Code / Configuration:** Terraform, Ansible
- **CI/CD & Build Tools:** Jenkins, Jenkins Shared Libraries, GitHub Actions, Maven, npm, Sonatype Nexus Repository
- **Monitoring & Observability:** Prometheus, Grafana, Alertmanager, Node Exporter
- **Programming & Scripting:** Python, Bash, Node.js, JavaScript, TypeScript
- **Version Control:** Git, GitHub, GitLab
- **Operating Systems:** Linux, Windows
- **Frameworks & Frontend:** Next.js 15, React 19, Tailwind CSS, Framer Motion, Markdown, Mermaid
- **Web Design:** Webflow, Figma, Wordpress

PROFESSIONAL EXPERIENCE

Warehouse Associate (Stock) | *Famila Supermarkt, Winsen (Luhe), Germany* | since 03/2026

- Manage stock handling and replenishment, including receiving, sorting, and shelving goods.
- Support inventory accuracy and keep storage areas organized and orderly.
- Work reliably within a German-speaking team environment while building daily language skills.

IT Support Specialist | *Teck-Expert, Kigali, Rwanda* | 04/2024 - 02/2026

- Provided first- and second-line technical support to Microsoft 365 users through a structured ticketing process and defined SLAs.
- Diagnosed and resolved hardware, software, and connectivity issues to minimize disruption to end-user productivity.
- Managed user onboarding and offboarding, access rights, and Microsoft 365 administration.
- Documented recurring issues and resolutions in the internal knowledge base to improve first-time resolution rates.

Freelance Web & Graphic Designer | *Self-employed, Rwanda (remote and on-site clients)* | 01/2023 - 03/2024

- Designed and built responsive client-facing websites using Webflow, translating business requirements into functional digital products.
- Created branding and marketing materials such as logos, layouts, and UI mockups using Figma.
- Managed the full project lifecycle from consultation and scoping through delivery and after-sales support.

IT Support Technician | *Bank of Kigali (Headquarters), Kigali, Rwanda* | 02/2019 - 12/2022

- Installed and maintained desktop computers, peripherals, and related hardware for staff at the bank's head office.
- Helped diagnose and resolve basic hardware, operating system, and internal network connectivity issues.
- Performed routine device checks and troubleshooting as part of the internal IT support team.

Warehouse and Logistics Operations Associate | *DP World Global Logistics, Cheonan, South Korea* | 03/2015 - 12/2018

- Operated forklifts and material-handling equipment to load and unload goods and parcels within a global supply-chain warehouse.
- Rotated across multiple warehouse stations while maintaining safety, accuracy, and process discipline
- Contributed to inventory accuracy and on-time order fulfillment in a fast-paced logistics operation.

DEVOPS AND CLOUD PROJECTS

Engineering Platform and Portfolio (Flagship Project)

Technologies: Next.js 15, React 19, TypeScript, Tailwind CSS, Docker, Docker Compose, Nginx, Jenkins, Nexus Repository, GitHub Actions, GitHub REST API, AWS S3, Markdown, Mermaid, Framer Motion, Terraform (planned), Hetzner Cloud

- Designed and developed a production-ready Engineering Platform that serves as both a professional portfolio and a self-hosted DevOps environment.
- Built a centralized engineering dashboard integrating GitHub, Jenkins, Nexus Repository, YouTube, and AWS S3 through REST APIs.
- Containerized the platform using Docker and Docker Compose, configured Nginx as a reverse proxy, and applied Clean Architecture and Infrastructure as Code principles.

Automated AWS EKS Infrastructure and Microservices Delivery

Technologies: Terraform, AWS (VPC, EKS, IAM, S3), Kubernetes, Helm, Docker

- Automated the provisioning of production-ready AWS infrastructure using Terraform modules, including a custom VPC, public and private subnets, IAM, and Amazon EKS.
- Configured remote Terraform state in Amazon S3 and deployed a multi-container microservices application with MongoDB and Redis using Helm.
- Organized workloads across dedicated Kubernetes namespaces for clearer separation and maintainability.

Enterprise CI/CD Platform with Jenkins Shared Library

Technologies: Jenkins, Groovy, Jenkins Shared Libraries, GitHub/GitLab, Docker, Maven, npm, Sonatype Nexus Repository, AWS ECR

- Designed and implemented reusable Jenkins Shared Libraries to standardize CI/CD pipelines across multiple projects.
- Automated semantic versioning, application builds, testing, Docker image creation, artifact publishing to Sonatype Nexus Repository and Amazon ECR, and deployment workflows triggered by GitHub and GitLab webhooks.

Dynamic Infrastructure Provisioning and Configuration Management

Technologies: Terraform, Ansible, AWS EC2, Docker Compose, Linux

- Provisioned AWS EC2 infrastructure using Terraform and integrated Ansible Dynamic Inventory to automatically discover resources based on AWS tags.
- Developed modular Ansible roles for Linux server hardening, user management, Docker installation, and automated deployment of multi-container applications using Docker Compose.

Kubernetes Observability and Monitoring Platform

Technologies: Kubernetes, Helm, Prometheus, Grafana, Alertmanager, Node Exporter

- Implemented a Kubernetes monitoring and observability platform using the kube-prometheus-stack.
- Configured Prometheus scraping, ServiceMonitors, Node Exporter, Alertmanager notifications, and Grafana dashboards to monitor cluster health, infrastructure metrics, and application performance.

EDUCATION

- 2011 - 2014** | Bachelor's Degree in Business Information Technology, Mount Kenya University, Kigali Campus, Rwanda
- 2007 - 2010** | Technical Secondary Education in Public Works, Saint Joseph Integrated Technical College, Nyamirambo, Kigali, Rwanda
- 2003 - 2006** | O-Level Secondary Education, Ecole Secondaire de Kirambo, Burera District, Rwanda

CERTIFICATIONS AND FURTHER TRAINING

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| • 2024 | DevOps and Cloud Bootcamp - TechWorld with Nana |
| • 2023 | Cloud Engineering Bootcamp - Neue Fische, Hamburg |
| • 2024 | AWS re/Start Program - AWS Cloud Practitioner Certificate and AWS re/Start Graduate Badge |
| • 2025 | AWS Cloud Solution Architect - Associate |
| • 2026 | 100 Days of Code: The Complete Python Bootcamp - Udemy (Dr. Angela Yu) |
| • 2027 | Web Design with Webflow and Figma - Udemy |
| • 2028 | Google Project Management Professional Certificate - Coursera |

LANGUAGES

- **English:** Native / Fluent (C2)
- **French:** Native / Fluent (C2)
- **German:** A2 - currently in intensive study