

James Ackah-Blay

System Administrator | DevOps Engineer | IT Support

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Portfolio: <https://devopsbyjames.dalijaytechhub.online/>

PROFESSIONAL SUMMARY

DevOps Engineer and System Administrator with hands-on experience in AWS, Windows, Linux, and Python. I have a solid understanding of CI/CD pipelines, infrastructure automation, and cloud-native deployments, backed by a background as a System Administrator.

I'm passionate about using cloud technologies to optimise business processes and improve deployment efficiency. I'm actively seeking DevOps and IT Support Specialist roles where I can grow within a collaborative engineering team and contribute to building secure, scalable solutions, ideally in dynamic, cloud-first environments.

WORK EXPERIENCE

ExLearn Technologies – DevOps Intern (Remote)

October – December 2024

- ✚ Designed and implemented CI/CD pipelines to automate build, test, and deployment processes, ensuring rapid and consistent application delivery.
- ✚ Optimized Linux-based servers, improving system performance through effective process management.
- ✚ Implemented load balancers and network optimizations to improve application scalability and reliability.
- ✚ Gained hands-on experience with Terraform for Infrastructure as Code (IaC) and AWS resource management.

Charlotte Dolphyne Technical Institute – Instructor (Industrial Attachment)

April – September 2023

- ✚ Taught Web Design and C++ programming, simplifying technical concepts for students aged 16–20.
- ✚ Designed hands-on lesson plans, promoting deep learning and student engagement.
- ✚ Configured classroom network environments and provided IT support for smooth operations.
- ✚ Provided constructive feedback on assignments and projects within strict timelines.

• Kolonos BV – System Administrator

2022 – Present

- ✚ Configured and optimized network systems, improving connectivity and reducing latency by 15%.
- ✚ Managed data backup and recovery systems, ensuring high availability and data integrity.

- ✚ Installed, configured, and maintained hardware and software systems for seamless operations.

- ✚ Provided technical support while monitoring system performance to maintain uptime and efficiency.

EDUCATION

Ghana Communication Technology University – Accra, Ghana

BSc. Information Technology

September 2019 – October 2023

Institute of Commercial Management (ICM-UK)

Advanced Diploma in Accounting and Finance

September 2009 – November 2012

TECHNICAL SKILLS

- DevOps Tools: Jenkins, Maven, and Terraform
- Cloud Platforms: AWS (EC2, S3, IAM, CloudFormation)
- Programming/Scripting: Python, Bash • Infrastructure as Code (IaC): Terraform.
- CI/CD Pipelines: Jenkins, GitHub Actions
- Operating Systems: Linux, Windows, Mac OS
- Networking: LAN/WAN, VPN, DNS, DHCP

CERTIFICATIONS

- AWS Certified Cloud Practitioner (Amalitech)
- IBM Certificate in Cloud Computing
- Google Certificate in IT Support
- Google Data Analytics Professional Certificate

SOFT SKILLS

- Strong Communication and Collaboration
- Problem-solving and Critical Thinking
- Teamwork and Leadership
- Attention to Detail and Analytical Thinking

TOOLS & TECHNOLOGIES

Git | Jenkins | Maven | Terraform | AWS | SonarQube |

LANGUAGES

English (Fluent)

INTERESTS

Cloud Infrastructure | DevOps Automation | Continuous Learning | Problem-Solving