YOHANS (JOHN) BEKELE

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Portfolio - yohansbekele.com

PROFESSIONAL SUMMARY

Results-driven Site Reliability Engineer and DevOps professional with 4 years of experience in cloud infrastructure, application support, monitoring, incident management, and automation across enterprise systems. Proven expertise in designing and deploying scalable cloud solutions on AWS, implementing Infrastructure as Code (IaC), building robust CI/CD pipelines, and ensuring production reliability with 99.8% uptime. Currently delivering end-to-end LLM applications on AWS as part of DevOps engineering initiatives. Strong background in containerization, automation scripting, data migration, and cross-functional collaboration.

CERTIFICATIONS

AWS Certified Cloud Practitioner - View Credential

TECHNICAL SKILLS

Cloud Platforms & Services: AWS (ECS, EC2, Aurora RDS, DynamoDB, ElastiCache, CloudFront, ALB, SageMaker, Bedrock, S3, IAM, VPC, Route 53, CloudWatch)

Infrastructure as Code: Pulumi (AWS, Python), Terraform, CloudFormation

Containers & Orchestration: Docker, Amazon ECR, Kubernetes, Nginx, PM2

CI/CD & DevOps Tools: GitHub Actions, AWS CodeBuild, CodePipeline, Jenkins, Release Artifacts, Feature Flags, Blue-Green Deployments, Automated Rollbacks

Monitoring & Observability: New Relic, Datadog, CloudWatch, Prometheus, Grafana, ELK Stack, Log Aggregation, Alerting

Incident Management: ServiceNow, JIRA, PagerDuty, Root Cause Analysis, Post-Incident Reviews, SLA Management

Programming & Scripting: Python, Bash, Shell Scripting, SQL, JavaScript, YAML, JSON

Databases: PostgreSQL, MySQL, MS SQL Server, MongoDB, Amazon Aurora, DynamoDB

Data Engineering: ETL Pipelines, Data Migration, Data Validation, Data Cleansing

Methodologies: Agile, Scrum, ITIL, SRE Practices, GitOps, DevOps

PROFESSIONAL EXPERIENCE

Thomson Reuters | Gdansk, Poland | August 2024 – Present

Service Reliability Engineer

- Achieved 99.8% system uptime through proactive monitoring, alert tuning, anomaly detection, and preventive maintenance across enterprise applications.
- Automated daily monitoring, health checks, and operational workflows using Python, Bash, and SQL scripts, reducing manual effort by 15+ hours per week.
- Managed incident response, escalation, and resolution processes via ServiceNow and JIRA, conducting root cause analysis and post-incident reviews to prevent recurrence.
- Supported database operations and migrations across MS SQL Server, PostgreSQL, and MySQL environments, ensuring data integrity during client deployments.

DevOps Engineer (Internal Gig) — Concurrent Role

- Delivered end-to-end LLM applications on AWS utilizing ECS, Aurora RDS, DynamoDB, ElastiCache, Bedrock, SageMaker, CloudFront, and Application Load Balancers.
- Designed and implemented Infrastructure as Code (IaC) using Pulumi with Python to provision, manage, and version cloud infrastructure on AWS.
- Built CI/CD pipelines using GitHub Actions and AWS CodeBuild, implementing versioned release artifacts, feature flag deployments, and automated rollback mechanisms.
- Focused on agentic LLM systems, production reliability engineering, and deterministic, low-risk deployment workflows for mission-critical applications.

Application Support Analyst

Infosys | Poland | April 2022 – June 2024

- Monitored application performance and infrastructure health using New Relic, Datadog, and custom dashboards, ensuring high availability and SLA compliance.
- Managed incident triage, root cause analysis, and escalation via ServiceNow and JIRA, reducing mean time to resolution (MTTR) by 45%.
- Automated routine operational tasks, health checks, and reporting with Python, Bash, and SQL scripts, improving team efficiency by 30%.

- Supported database migrations, data validation, and integrity verification across MS SQL Server, PostgreSQL, and MySQL production environments.
- Collaborated with development and infrastructure teams to implement monitoring solutions and improve system reliability.
- Created runbooks and documentation for incident response procedures and operational workflows.

Data Analytics / Migration Specialist (Contract)

Cisco | Krakow, Poland | August 2022 – February 2023

- Executed data migration and transformation projects, automating ETL processes using Python, Bash, and SQL scripts, improving data processing efficiency by 30%.
- Developed data validation and cleansing routines to ensure accuracy, consistency, and compliance across multiple source systems.
- Created technical documentation, knowledge base articles, and best practices guides for migration workflows and automation scripts.
- Built dashboards and analytical reports to provide actionable insights on migrated datasets, supporting business continuity and compliance requirements.
- Collaborated with cross-functional teams to ensure seamless data integration and minimal disruption to business operations.

EDUCATION

Bachelor of Science in IT in Business

WSB University | Torun, Poland | 2026

Bachelor of Science in Information Technology

Rift Valley University | Ethiopia | 2021

KEY COMPETENCIES

- Site Reliability Engineering (SRE) and Production Support
- Cloud Infrastructure Design and Management (AWS)
- CI/CD Pipeline Development and Automation
- Infrastructure as Code (Pulumi, Terraform)
- Container Orchestration and Microservices

- Monitoring, Observability, and Alerting
- Incident Management and Root Cause Analysis
- Database Administration and Data Migration
- Cross-functional Team Collaboration
- Problem-solving and Continuous Improvement

LANGUAGES

English (Fluent)