

VINCENT TETTEH

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SKILLS

- **Languages & Scripting:** Java (Spring Boot/Native), C#, Python, Bash, Golang, Scala, TypeScript, SQL, Groovy, Kotlin, Polyglot Developer.
- **DevOps & IaC:** Terraform, AWS CDK, CloudFormation, Ansible, Helm, Git, GitHub Actions, GitLab CI, Jenkins, CI/CD, ArgoCD, Policy-As-Code
- **Cloud Platforms:** AWS, Azure & GCP.
- **Monitoring & Observability:** CloudWatch, Datadog, Grafana, Prometheus, Elastic Stack (ELK), Logstash
- **Infrastructure & Systems:** Docker, Kubernetes, System Administration, Networking, Cloud computing
- **ML & MLOps:** Scikit-Learn, PyTorch, Pandas, MLflow, AutoML, Kubeflow.
- **Compliance & Security:** SOC2, PCI DSS, CIS, IAM, Disaster Recovery
- **Others:** Agile, Scrum, Jira, Fresh Service

WORK EXPERIENCE

Senior DevOps Engineer – Standard Chartered – Full-time | Mar 2023 – Present

- Led design and implementation of highly available AWS infrastructure, maintaining 99.9% uptime.
- Automated infrastructure provisioning using Terraform, CloudFormation, Helm & AWS CDK, creating custom Terraform modules for reusable, secure, and compliant deployments, reducing environment setup time by 80%.
- Built CI/CD pipelines with Jenkins and GitHub Actions, enabling secure, rapid deployments with zero-downtime rollouts.
- Containerized and orchestrated microservices with Docker, EKS; used Helm, ArgoCD, and Terraform for seamless updates and rollbacks.
- Established proactive monitoring and alerting using Datadog, CloudWatch, and Grafana; improved MTTR by 80%
- Hardened cloud security posture and enforced PCI DSS, CIS, SOC2, and internal compliance protocols; designed backup and disaster recovery strategies, achieving 50% RTO improvement.
- Automated operational tasks using Bash, Python, and TypeScript, saving 20+ hours/week.
- Collaborated globally with engineering leads to optimize performance, reduce latency, and enhance the availability of distributed services.
- Mentored junior engineers on DevOps best practices, IaC, and CI/CD strategies, improving team productivity and knowledge sharing.
- Designed and maintained multi-account AWS environments with cross-account IAM roles, service control policies (SCPs), and resource tagging strategies.
- Collaborated globally with engineering, QA, and security teams to optimize performance, reduce latency, and enhance the availability of distributed services.

Senior Software Engineer / Cloud Solutions Architect / ML & MLOps – Techieszon – Part-time | Mar 2023 – Present

- Designed and deployed scalable microservices using Python, C#, Golang, and Java across AWS, Azure, and GCP, leveraging Docker, Kubernetes, and serverless architectures.
- Collaborated with product and QA teams to design resilient, high-performance, and secure backend services, aligning technology solutions with business objectives.
- Developed secure, high-performance REST and gRPC APIs for financial, e-commerce, and internal platforms, implementing authentication, authorization (JWT/OAuth2), rate limiting, and input validation.
- Built secure cloud-native applications meeting performance, security, and compliance requirements.

- Operated multi-cloud environments and guided cost-effective architecture decisions with 99.9% uptime SLAs.
- Migrated legacy systems to AWS, reducing infrastructure costs by 15% and boosting scalability.
- Led mentoring efforts and code reviews across engineering teams; promoted best practices in DevOps and SRE.
- Designed and deployed ML & MLOps pipelines for model training, evaluation, and deployment using SageMaker, Azure ML, and Vertex AI, automating model versioning and CI/CD for AI workloads.
- Developed and deployed an ML-powered API for skin disease prediction using Scikit-Learn, FastAPI, Pandas, and Seaborn.
- Led mentorship and knowledge-sharing initiatives, conducting code reviews, workshops, and best practice sessions in DevOps, SRE, and MLOps to upskill engineering teams.
- Ensured compliance with PCI DSS, CIS, and internal security policies across applications and infrastructure, including data encryption, IAM, and auditing controls.
- Implemented secure database integrations (PostgreSQL, MySQL, DynamoDB), caching strategies (Redis, ElastiCache), and async processing (SQS, Kafka) for robust API performance.

DevOps Software Engineer III – Turntabl – Full-time | Sep 2020 – Apr 2023

- Delivered backend services and APIs in Java (Spring Boot), optimized for low latency, high throughput, and multi-tenant support.
- Architected and maintained AWS infrastructure using Terraform, CloudFormation, and Helm, enabling 80% faster environment provisioning
- Created robust monitoring with Prometheus, Grafana, and Datadog; reduced incident downtime by 35%.
- Deployed secure containerized microservices on EKS and built auto-scaling policies for high availability.
- Automated repetitive workflows and operational tasks with Python and Bash.
- Automated operational workflows with Python, Bash, and TypeScript, including database optimizations for PostgreSQL and MySQL.
- Contributed to incident response and on-call rotations, improving resolution workflows and reducing system outage impact.
- Contributed to frontend integrations and internal tools, improving user experience and operational efficiency
- Containerized microservices on EKS, implemented Helm charts, CI/CD pipelines, and autoscaling policies for high availability.

EDUCATION

BTECH, Information Communication Technology (Software Engineering & DevOps) – Ho Technical University – Ghana | Sep 2020 – May 2022

Relevant Courses: Cloud Computing, Operating Systems, DevOps, System Design, Data Structures, Mobile App Development.

HND, Information Communication Technology (Software Engineering) – Ho Technical University – Ghana | Sep 2017 – May 2020

Relevant Courses: Object-Oriented Programming, UX/UI, Cloud Computing, Systems Analysis, DSA, Communication skills