

KECY NJI

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PROFESSIONAL EXPERIENCE

ZENPHRY | Cloud/Devops Engineer | Texas | June 2022 to Present

- ? Engineered and operated production Kubernetes platforms supporting large scale microservices environments, increasing deployment reliability and improving platform stability for mission critical workloads.
- ? Led service mesh implementation using Istio and Consul, strengthening service to service security, improving traffic observability, and reducing incident investigation time across distributed systems.
- ? Architected standardized cloud native CI/CD pipelines across Jenkins, GitLab CI, Azure Devops, AWS CodePipeline, and AWS CodeDeploy, enabling fully automated releases and significantly reducing manual deployment errors.
- ? Automated multi environment cloud infrastructure using Terraform, CloudFormation, and AWS CDK, Bicep, AZ Cli, ensuring audit-ready, repeatable deployments while accelerating environment provisioning timelines.
- ? Supported enterprise cloud transformation initiatives by migrating legacy on premises workloads to AWS, improving scalability, resiliency, and operational efficiency for containerized and microservices applications.
- ? Implemented enterprise wide cost visibility and optimization strategies through tagging standards, usage analytics, and right sizing initiatives, enabling data driven cloud financial governance.
- ? Provided architecture level guidance to development teams on AWS security design, CI/CD maturity, and cloud native best practices, improving engineering delivery quality and security posture.

CAPGEMINI SOGETI | DevSecOps Engineer | Iowa | April 2020 to May 2022

- ? Designed and secured enterprise AWS networking architectures including VPC segmentation, routing strategies, and layered security controls, enabling secure multi application cloud environments.
- ? Implemented hybrid connectivity solutions using Transit Gateway and Direct Connect, enabling secure and reliable communication between enterprise data centers and cloud workloads.
- ? Developed reusable Terraform modules supporting landing zone and application deployment patterns, accelerating environment build times and improving infrastructure consistency across teams.
- ? Built secure CI/CD pipelines for containerized workloads on Amazon ECS using Jenkins, reducing release failures and strengthening software supply chain security.
- ? Led migration of on premises databases to Amazon Aurora with near zero downtime and full data integrity validation, supporting business continuity requirements.
- ? Established multi account governance using AWS Control Tower, Landing Zone, and Single Sign On, standardizing identity, access, and security enforcement across enterprise environments.
- ? Translated regulatory and compliance frameworks into automated technical controls using

AWS Config, Security Hub, and Lambda automation, improving audit readiness and reducing manual compliance verification effort.

CAPITAL ONE | DevOps Engineer | Plano, Texas | April 2015 to March 2020

? Designed and maintained enterprise CI CD ecosystems using GitHub, Jenkins, Terraform, Docker, and Kubernetes, enabling scalable and reliable software delivery across multiple application teams.

? Led enterprise containerization initiatives, decomposing legacy monolithic applications into microservices, improving deployment agility and enabling independent service scaling.

? Implemented blue green deployment strategies across production workloads, eliminating customer facing downtime during releases and improving release confidence.

? Led production incident response and root cause analysis initiatives, improving system reliability and reducing mean time to recovery through improved observability and runbook standardization.

? Built centralized monitoring and logging platforms using enterprise observability tooling, accelerating troubleshooting and improving operational awareness across engineering teams.

? Embedded DevSecOps controls directly into engineering pipelines, reducing security vulnerabilities and configuration drift across environments.

TECHNICAL PROFICIENCIES

Cloud Platforms: Amazon Web Services, Microsoft Azure

DevOps & Automation: Terraform, AWS CloudFormation, AWS CDK, Ansible, GitHub Actions, Jenkins, GitLab CI, Azure DevOps, AWS CodePipeline

Containerization & Orchestration: Docker, Kubernetes (EKS, AKS, K3S, OpenShift), Amazon ECS, Helm, Argo CD

Monitoring & Observability: Amazon CloudWatch, Prometheus, Grafana, Loki, OpenSearch, Splunk, Datadog, alerting and SLO management

Security & Compliance: Identity and Access Management, Key Management Service, role based access control, network policies, secrets management, encryption at rest and in transit, vulnerability scanning (Qualys, Wiz), NIST, SOC 2, HIPAA

Network and Content Delivery: VPC, Transit Gateway, Direct Connect, VPN, load balancing, API Gateway, Route 53, CloudFront

Programming and Scripting: Python, Bash, PowerShell, Node.js

AI and Large Language Models: AWS Bedrock, retrieval augmented generation, prompt design

EDUCATION

Bachelor of Engineering, University of Buea, Cameroon

Bachelor of Computer Science (In Progress), Western Governors University

CERTIFICATION

AWS Certified Solutions Architect, Professional

HashiCorp Terraform Associate

CompTIA Security+

Microsoft Azure Administrator Associate (AZ-104)