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Profile Summary

DevOps Engineer with 5+ years of experience in CI/CD, Infrastructure as Code (IaC), and cloud platforms (AWS, Azure). Proficient in Docker, Kubernetes, and monitoring tools. Proven ability to accelerate deployments, enhance infrastructure reliability, and implement secure, scalable cloud solutions. Effective team collaborator with strong communication skills.

Skills

Programming & Scripting

Python, Bash, YAML

Tools & Operating System

Docker, Kubernetes, Terraform, Ansible, Argocd, Sonarqube, Linux

Databases & Cloud Services

MySQL, AWS, Azure

Deployment & Version control

CI/CD Pipelines, Agile, Jenkins, Git, Github, Docker hub, Nexus, Incremental Release, GitOps, Patch Updates, Azure DevOps, Bitbucket

Work Experience

Horeca store | Senior AWS Solution Architect | Aug 2025 – Dec 2025 | Remote, UAE

- Architected multi-region **AWS e-commerce**: React (Amplify/CloudFront) + Laravel/PHP (EC2 behind ALB) + MySQL (RDS) + assets (S3), ensuring high availability, scalability, and **low latency** across California + Middle East.
- Hardened and optimized edge delivery by routing CloudFront → ALB with custom domains, ACM TLS, HTTP→HTTPS, and **tuned cache behaviors**, plus least-privilege **VPC/Security** Groups to improve security and response time while reducing origin load.

Telescope | DevOps Engineer | Aug 2023 – Aug 2025 | Chandigarh, India

- For very first time in this organization provisioned automated **AWS infrastructure** with **Terraform and Ansible**, ensuring consistent provisioning and **reducing setup time by 80%**.
- Deployed scalable AWS infrastructure components including **VPCs, EC2 instances, Load Balancers, Auto Scaling Groups, and CloudFront** to ensure high availability and performance of applications..
- Built CI/CD pipelines with **CodePipeline and CodeBuild** for automated testing and deployments, cutting release time by 90%.
- Used Systems Manager for **secure access and patch automation, centralized configurations**; managed DNS and failover with **Route 53** to ensure 99.99% uptime.
- Executed **WAF & Shield, Inspector, and GuardDuty** for proactive cloud security. Configured Amazon WorkSpaces for secure remote desktop access.

DevOps Engineer | ADCode Services | Jan 2021 - Jul 2023 | Bengaluru, KA, India

- Collaborated on and executed smooth code deployments via Jenkins and Azure Pipelines, **improving release speed by 30%** and **reducing deployment errors by 20%**.
- Configured **Docker and AKS for containerized** workloads, boosting developer productivity by 30% and **improving resource efficiency by 20%**.
- Maintained **24/7 operations** with **100% uptime** across AWS and Azure environments. Developed automated backup strategies ensuring data integrity and fast recovery.
- Optimized Kubernetes deployments on AKS, improving **application scalability, availability, and resource utilization by 20%**.
- Provisioned and managed **Azure infrastructure using Terraform**, enabling scalable, repeatable, and secure deployments across **multiple environments**.

Education

Bachelor of Technology (Computer Science Engineering)

University Of Petroleum and Energy Studies

August 2016 - June 2020

Dehradun, Uttarakhand

Projects

PartnerPath – Teleskope (Client - JP Morgan) | May 2024 - Aug 2025 | Chandigarh, India

- Architected and deployed 3 scalable AWS infrastructure as development, staging and production supporting over **15+ services** with **99.9% uptime** for internal partner operations.
- Designed a custom VPC with **4 public and 6 private subnets** across **2 Availability Zones** to enhance security and workload segregation.
- Launched and configured **10+ EC2 instances** with Launch templates and AutoScaling configurations and provisioned **RDS Aurora MySQL** databases with **1 writer and 2 reader instances** with automated backups and multi-AZ failover.
- Configured Route 53 for DNS management and implemented **ACM-issued SSL certificates** for encrypted traffic across all endpoints.
- Reduced potential threat exposure by 40% through **implementation of WAF rules and AWS Shield** for real-time threat mitigation.
- Created and applied **20+ IAM roles and policies**, enforcing strict access control based on least-privilege principles.
- Enabled reliable object storage with **6 S3 buckets** and integrated SES to deliver **50,000 emails per 24-hour period**.
- Set up **10+ SNS topics** to automate real-time notifications between AWS Services and user-facing systems.
- Maintained version control for infrastructure using **AWS CodeCommit** and automated provisioning via **20+ Terraform templates**.
- Protected sensitive data with Secrets Manager and automated **5+ configuration tasks** using AWS Systems Manager Parameter Store, Run Command, Documents and Fleet manager.
- Configured **Amazon CloudWatch** to monitor **100+ system metrics and logs daily**, creating **custom dashboards, log groups, and alarms** for real-time alerting; deployed **CloudWatch Agent** on all EC2 instances for in-depth performance insights.
- Documented Method of Proof (MoP) and Method of Concept (MoC) for each implementation to ensure traceability, reproducibility, and stakeholder clarity.

Lambda Deployment – Teleskope | Oct 2023 - Jan 2024 | Chandigarh, India

- Built a **serverless thumbnail generator** using **AWS Lambda (Docker-based)** triggered by S3 uploads, processing **1000+ images/day** with sub-second execution times.
- Packaged Lambda with a **multi-stage Dockerfile**, reducing image size by 60% and deployed via **Amazon ECR** for versioned, efficient delivery.
- Automated end-to-end infrastructure provisioning using **CloudFormation**, ensuring consistent setup of S3, Lambda, IAM roles, and event triggers across **2 environments**.

VOD Platform – ADCode (Client - Tagmango) | Mar 2021 - Sept 2022 | Bengaluru, KA, India

- Architected and deployed a **Dockerized video streaming platform** for hosting creator-driven educational content using **Azure AKS**, supporting scalable microservices with GitOps-driven deployment via **ArgoCD**.
- Provisioned complete cloud infrastructure using **Terraform and Ansible**, automating setup across multiple environments and reducing manual provisioning by 85%.
- Designed and enforced **Azure DevOps CI/CD pipeline**, integrating **SonarCloud, Trivy, and OWASP** Dependency-Check for continuous code quality and security assurance.
- Leveraged **GitOps workflows with ArgoCD** to enable auto-sync of infrastructure and application deployments from GitHub to AKS, with rollback capabilities.
- Stored and served large video content efficiently using **Azure Blob Storage**, while container images were managed securely in **Azure ACR**, facilitating hybrid cloud interoperability.
- Deployed centralized monitoring using **Prometheus + Grafana**, collecting **50+ metrics** from AKS workloads, with custom dashboards and alerts for system health and pipeline visibility.
- Configured automated email alerts for pipeline failures, threshold breaches, and security scan results, **improving response time to incidents by 40%**.