CHASE F. CONOVER

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SUMMARY

DevOps Engineer with 3+ years of experience automating, deploying, and maintaining cloud-native infrastructure on AWS. Proficient in Python and Bash scripting, Terraform, and CI/CD pipelines (Jenkins, Spinnaker), with expertise in ECS/EKS, multi-region deployments, and containerized workloads. Skilled at reducing infrastructure costs, improving deployment reliability, implementing observability, and troubleshooting production incidents in fast-paced environments

PROFESSIONAL EXPERIENCE

JPMorgan Chase — *Software Engineer (DevOps / Platform Focus)* | **July 2022 – September 2025 | Wilmington, DE**

Designed and developed cloud-native microservices for the Chase Mobile Banking App using Java Spring, AWS, and Terraform, supporting critical wallet and funding operations across banking journeys including Zelle, PayChaseCard, PayChaseAuto, United, and others. Services supported rewards, offers, and internal/external bank accounts and credit cards as payment methods, operating at enterprise scale

Operated multi-environment (DEV, UAT, PROD) and multi-region (East/West) AWS infrastructure, standardizing deployments and reducing ECS costs by ~20% in lower environments through automated lightswitch schedules and Spot Instances, while ensuring fault tolerance and safe promotion of changes

Supported EKS-based Kubernetes workloads for ~2 years before leading the migration to ECS, simplifying platform operations, improving cost efficiency, and replacing App Mesh with ALB-based routing. Managed Dockerized microservices across both orchestration platforms

Built a custom post-deployment testing framework using AWS Lambda, ECS, and Spinnaker, where Spinnaker webhooks orchestrated Lambda-driven workflows to provision and tear down ad-hoc ECS tasks inside a VPC for acceptance testing. Developed complex, parameterized Spinnaker pipelines from scratch using YAML and JSON, enabling reusable, environment-agnostic deployment workflows

Planned and executed 20+ production deployments, owning pre-deployment communications, approval meetings, execution, validation, and post-deployment reporting. Authored runbooks and validation documentation, managed change and incident workflows via ServiceNow, and executed deployments and rollbacks using Jenkins and Spinnaker

Architected, maintained, and improved 20+ Terraform repositories managing AWS infrastructure across IAM, EKS, ECS, Lambda, EC2, Aurora (Postgres), DynamoDB, VPCs, ALBs, Route 53, and secrets/configuration. Acted as a go-to engineer for Terraform troubleshooting, drift remediation, and version upgrades, including contributions to shared cross-team infrastructure modules

Designed least-privilege IAM roles and policies using reusable Terraform modules for 8+ microservices, implemented secure production database access via hardened EC2 jumphosts, and managed Route 53 DNS, TLS certificates, Parameter Store, and Secrets Manager for secure service discovery, configuration, and runtime feature flags

Implemented monitoring and observability using Datadog and Splunk, creating custom dashboards and queries and deploying Datadog agents for ECS tasks via Terraform. Served as a key on-call engineer, responding to production incidents and leveraging strong debugging and infrastructure expertise to reduce MTTR and improve platform reliability

EDUCATION, CERTIFICATIONS, & TECHNICAL SKILLS

Education: Virginia Tech, B.S. in Computer Science, Minor in Cyber Security
Certifications: AWS Certified Developer Associate, HashiCorp Certified Terraform Associate
Languages: Java, C#, C, JavaScript, Python, SQL, PostgreSQL, YAML, JSON, Bash
Frameworks & Tools: Terraform, Kubernetes, Docker, Jenkins, Spinnaker, Git, JIRA, Confluence, ServiceNow, Splunk, Datadog, Dynatrace, Kafka, Wiremock, Spring, Hibernate, Maven, Infrastructure as Code, Liquibase
Cloud & DevOps: AWS (EC2, ECS, EKS, IAM, KMS, Secrets, Lambda, Route 53, Aurora, Redis, Datalake, & more)

Relevant Coursework

Secure Computing Capstone, Principals of Computer Security, Network Architecture, Computer Systems