

# Chase Farrant

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## # ABOUT ME

I have walked the line between operations and software development for most of my career - and I love it! Having worked with cloud and on-premise, microservices and monoliths, and applications young and old, I bring a wealth of DevOps knowledge that is highly applicable to ensuring long term success in modern cloud native applications.

## # EXPERIENCE

### Veritone

Staff Engineer

Denver, CO

Apr. '22 — Present

- Maintained and improved upon legacy build and deployment scripts. Improvements include bug fixes, dockerized builds, decreased build times, simplified code paths, better readability, and the addition of new features.
- Designed a new overarching unified versioning system spanning multiple services. This enabled the deployment of multiple unrelated services by specifying a single version number.

### Artisan Technology Group / Viagio

Senior Cloud Engineer

Kansas City, MO

May '20 — Apr. '22

- Worked with developers and stakeholders to design and build solutions that are simple, sufficient, and easy to understand. This requires optimizing and balancing quality vs. cost vs. speed.
- Developed general purpose IaC and CI/CD templates for both AWS and Azure to quickly spin up new customer environments. This reduced the setup time for new infrastructure and pipelines from months to days - while also genericizing the templates and enabling reuse between clients.
- Provided MSP-type services and consulting for multiple long-term clients. This includes supporting legacy infrastructure solutions and gradually refactoring them for better maintainability going forward.
- Implemented and migrated to a modern multi-account AWS Organizations structure that enabled developers to quickly login and switch between AWS accounts via the CLI.
- Engineered and responsible for Infrastructure-as-Code, build pipelines, Dockerfiles, and the deployment process for all client projects assigned to.

### Balance Innovations

Cloud Automation Engineer

Lenexa, KS

May '17 — May '20

- Reduced new environment setup time by 95% for legacy single-tenant applications via CloudFormation. This also enabled better maintenance for both new and existing infrastructure.
- Developed CloudFormation custom resources to better manage Auth0 resources with code instead of manually through the UI.
- Used SSM MaintWindows, PatchGroups, Documents, and PatchBaselines to automatically keep all Windows and Linux servers up-to-date without downtime. This saved approximately 20 hours a month keeping VM's updated.
- Automated the setup and updating of numerous CodePipelines across multiple accounts. Easier said than done!
- Implemented centralized CloudTrail and VPC logging for all AWS accounts that may be queried with Athena for audit purposes.

### Billsoft / EZTax / Avalara

Continuous Integration Engineer

Overland Park, KS

Jan. '16 — May '17

- Automated the build/deployments of 17 complex applications throughout all environments using Ansible Tower. The deployments were originally all manual and very easy to mess up. Once implemented, issues and downtime dropped dramatically.
- Wrote a script to restore the entire UAT environment from production, saving about 2 days worth of manual work each time.
- Lead the migration to AWS for new web applications. Implemented zero downtime deployments with load-balancers and EC2 user-data scripts.

### Network Administrator

Jun. '14 — Jan. '16

- Created 30+ SQL jobs for reindexing, daily database backups, and weekly restoration testing
- Developed multiple C# applications for managing clients, processing client data, and parsing Watchguard firewall XML configurations.
- Implemented entire network monitoring via PRTG to monitor 150+ servers and devices. Contained multiple dashboards for both public and private display.

## # EDUCATION

**Kansas State University** - Manhattan, KS

Bachelor of Science - Computer Engineering

Speciality - Networking and Multimedia

## # SKILLS

### Build and Deployments

AWS CodeBuild / CodePipeline

Azure DevOps

Docker

GitHub Actions

GitLab

Jenkins

Octopus Deploy

### Infrastructure as Code

AWS CloudFormation

Azure ARM / Bicep Templates

Serverless

Terraform

### Languages

Groovy

Powershell

Python

Shell / Bash

SQL

YAML / JSON

### AWS

API Gateway

Backup

CloudFront

CloudWatch

Cognito

DynamoDB

EC2

ECS / Fargate

ElasticSearch

IAM

Lambda

Organizations

RDS

Route53

S3

SSM

SNS

SQS

VPC

### Azure

Active Directory

App Service

Defender

DNS

Event Grid

FHIR

Frontdoor

Functions

Key Vault

Private Link

Service Bus

SQL Server

Virtual Machines

VNet

## # CERTS

### AWS DevOps Engineer - Professional

Validation ID: D1910DW1MJREQX3N

### AWS Solutions Architect - Professional

Validation ID: R1WZ8K91B1441M32

## # AFTER HOURS

- Avid snow-skier and dirtbiker
- Guitarist and songwriter for the band *Catch Amy*
- Enjoy dabbling in side-projects
- Chair for local HS Marching Band