

# Chase Farrant

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## # ABOUT ME

I have walked the line between development and operations for most of my career - and I love it! I have worked with a wide range of technologies and patterns, from cloud and on-premise to microservices and monoliths. I am a firm believer in starting small, iterating, and prioritizing maintainability. I bring a unique perspective to any team and I'm passionate about ensuring the long-term success of the applications I work on.

## # EXPERIENCE

### Veritone

Staff Engineer

Denver, CO

Apr. '22 — Present

- Completely replaced legacy deployment scripts for 60+ services with a 96% code reduction.
- Improved a complex deployment process, reducing the time from 8 hours to ~35 minutes.
- Improved the developer deployment experience with config-driven pipelines, clean logging, no-downtime, better testing, and standardizing the deployment model across all services and environments.
- Coordinated an overarching unified versioning system between multiple stakeholders and 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

- Responsible for Infra-as-Code, Dockerfiles, and the build / deployment pipelines for 15+ clients.
- Developed general purpose templates for both AWS and Azure to quickly spin up new customer environments. This reduced the onboarding time for new clients from months to days - while also being generic enough to reuse between clients.
- Collaborated with developers and stakeholders to architect and build solutions that are simple, sufficient, and easy to understand. This requires optimizing and balancing quality vs. cost vs. speed.
- Provided MSP-type services and consulting for 5 long-term clients. This includes supporting legacy infrastructure solutions and gradually refactoring them for better maintainability going forward.
- Manager and provided guidance for 2 direct reports on the Cloud Engineering team.
- Internally rolled out a modern multi-account AWS Organizations structure that enabled developers to quickly login via SSO and switch between AWS accounts via the CLI.

### Balance Innovations

Cloud Automation Engineer

Lenexa, KS

May '17 — May '20

- Reduced new environment setup time by 95% for single-tenant applications via CloudFormation templates. This also enabled easier maintenance for both new and existing infrastructure.
- Developed CloudFormation custom resources for Auth0, Cognito, and Okta.
- Used SSM MaintWindows, PatchGroups, Documents, and PatchBaselines to automatically keep 100+ Windows and Linux servers up-to-date without downtime. This saved approximately 20 hours a month keeping VM's updated.
- Automated the setup and maintenance of CodePipeline across multiple accounts for 30+ services.
- 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  
Rundeck

### Infrastructure as Code

AWS CloudFormation / CDK  
Azure ARM / Bicep Templates  
Serverless Framework  
Terraform

### Languages

C#	Shell / Bash
Groovy	SQL
Powershell	YAML / JSON
Python	

### AWS

ALB / NLB  
API Gateway  
Autoscaling Groups  
Backup  
CloudFront  
CloudWatch  
Cognito  
DynamoDB  
EC2  
ECS / Fargate  
EKS  
ElasticSearch  
IAM  
Lambda  
Organizations  
RDS  
Route53  
S3  
SSM  
SNS  
SQS  
VPC

### Azure

Active Directory  
App Gateway  
App Service  
Cosmos  
Defender  
DNS  
Event Grid  
FHIR  
Frontdoor  
Functions  
Key Vault  
Load Balancer  
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
- Volunteer for local HS Marching Band