

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
Specialty - 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