

William Kirk

[Email](#) | tel:(479) 351-0668 | [GitHub](#)

DevOps / Developer Manager

Proven DevOps leader with 20+ years in the trenches of Linux systems, automation, and cloud infrastructure. I build high-speed teams, streamline delivery pipelines, and turn sprawling dev and ops chaos into clean, repeatable code to increase value through velocity. Deep in AWS, Terraform, and Python. Obsessed with uptime, simplicity, and getting things done.

Certificates

- AWS Cloud Practitioner
- Linux Foundation Kubernetes & Linux Associate
- Coursera: Vector Databases – from Embeddings to Applications

Work History

Manager of DevOps Engineering

Progress Residential

05/2022 - 07/2023

- I was onboarded to salvage a flailing million dollar project mired in development hell for over a year. Within three weeks we had our first release and by the end of that quarter we were live.
- Post launch we established a pattern of reusable IaC for a monolith to microservice refactor as well as all of the CI/CD requirements to build and ship on demand with the necessary observability and alerting to maintain the highest levels of uptime. **Contacts:** [Jim Harvey](#) - [Lawrence Forsythe](#)

Senior DevOps Engineer

Oddball, Inc.

10/2019 - 11/2021

- During the pandemic I was attached to a cross vendor team that focused on greenfielding the adoption of Cloudbees K8's native Jenkins for improved scalability for CMS.gov which oversaw Healthcare.gov. Our team vetted all of the plugin compatibilities for the downstream teams.
- We implemented the greenfield adoption of Artifactory for asset caching at scale.
- One such tooling request was an intrateam Cloud System Inventory Tool that was widely adopted across multiple teams and departments. **Contacts:** [Rob Wilkinson](#) - [Drew Vogel](#)

DevOps Software Engineer 3

Grassmere HQ / Asurion, Inc

05/2018 - 07/2019

- I was brought on as part of an initiative to mentor a legacy accounting team into cloud adoption and due to a shift in leadership found myself as the point person for not only mentorship but the organization and implementation of DevOps best practices for the on-prem to cloud migration and rollout of that post-migration service integration with our UK based Tesco partners. This product drove revenue of roughly \$100,000,000 per year.
- As duties grew daily I focused on coordinating efforts from the legacy developers, our dedicated infrastructure and CI/CD builders as well as upskilling our off-hours team in the Philippines.

Contacts: [Mike Scott](#) - [JD McCullough](#)

Lead DevOps Engineer

Corporate HQ / Apptegy, Inc

02/2017 - 04/2018

- I was initially hired as a Rails developer but due to having the most experience in the startup with managing resources and automation with AWS I was transitioned into establishing a DevOps-centric approach to infrastructure management.
- One of the tasks I was most pleased with was migrating them away from the need for horizontal scaling into vertical for more flexible resource management.
- A heroic feat I achieved was implementing in less than three days a rollout of around 300 SSL certificates for the school districts we serviced through the then fledgling Let's Encrypt service.

Contacts: [My Nguyen](#) - [Jeston George](#)

Education

Information Systems

NWACC

1995 - 1997

Computer Science Engineering

University of Arkansas

1999 - 2000

Languages

- English (Full Professional Proficiency)
- Spanish (Limited Working Proficiency)

Skills

- AWS - ECS - Lambda - EC2 - Fargate - CloudFront - CloudFormation - Amplify - RDS - VPC - S3 - ECR - Route53
- Digital Ocean - Droplets - Applications - Container Registry
- Git (Standalone)
- GitHub
- Jira / BitBucket
- Jenkins - Groovy
- Linux - Debian / Ubuntu - Limited RHLE
- SSH / Bash
- Python / Ruby
- Terraform / Tofu
- Docker
- Kubernetes
- New Relic