

# William Kirk

## Software Developer / DevOps Practitioner

Software Engineer with over 20 years of expertise developing for Linux environments. I am proficient in AWS Services, Terraform and Python. I excel in CI/CD practices and infrastructure automation ensuring robust and scalable deployments.

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📞 (479) 351-0668

🐙 [github.com/wkirk-git](https://github.com/wkirk-git)



## SKILLS

AWS

Git

Jenkins

Linux

Python

Ruby

Terraform

Kubernetes



## WORK EXPERIENCE

### Senior DevOps Engineer

#### Progress Residential

05/2022 - 07/2023,

##### Achievements/Tasks

- Established development and release environment accounts
- Created work flow and practices for the Customer Portal DevOps team
- Implemented enhanced augmentations for interacting with the company's CI/CD platform

### Senior DevOps Engineer

#### Oddball, Inc.

10/2019 - 11/2021,

Worked as a subcontractor in the federal government space. Primary duties were as a DevOps engineer attached to the OC Foundational Team.

##### Achievements/Tasks

- Expanded automated infrastructure generation tools
- Implemented expanded artifact caching
- Created RFC documents pertaining to exploratory implementation and tooling approaches
- Co-created a System Inventory Audit Tool that is being widely adopted by multiple teams and departments.

Contact : Rob Wilkinson

### DevOps Software Engineer 3

#### Grassmere HQ / Asurion, Inc

05/2018 - 07/2019,

##### Achievements/Tasks

- I evangelized the DevOps philosophy for a legacy team migrating their applications to the AWS platform.
- I oversaw a team both locally and in the Philippines.
- Tailored the Jenkins CI/CD solution and automated infrastructure deployments
- Implemented detailed infrastructure testing, and coordinated product and feature enhancement releases.

Contact : Mike Scott



## WORK EXPERIENCE

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### Lead DevOps Engineer

Corporate HQ / Apptegy, Inc

02/2017 - 04/2018,

#### Achievements/Tasks

- Initially hired as a rails developer then was promoted to managing the AWS infrastructure., and implementing various measures to mitigate DDoS attacks with custom monitors to alert on infrastructure needs and warn us of potential incoming attacks.
- Implementing automated SSL across over 300 domains
- First employee to hold a DevOps position with the company.
- Engineered phase II of a horizontal scaling transition from a legacy vertical implementation.

Contact : My Nguyen

### Web Developer / Server Administrator

DesignWorks, Inc.

12/2014 - 05/2016,

#### Achievements/Tasks

- I was a remote contractor providing web development and system administration services.

### I.T. Manager

Lindsey & Associates

03/2007 - 05/2013,

#### Achievements/Tasks

- I serviced all of the Realtors support needs along with managing the entirety of the technical infrastructure.

### Technical Director

Netsat S.L.

Barcelona, Spain

#### Achievements/Tasks

- I was hired as a billing platform developer then was promoted to overseeing all of the technical aspects of the business.

