

Tyler Kluszczynski

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DevOps Engineer - Aledade Inc. July 2020 - Present.

- Recently brought onboard at Aledade Inc, looking forward to the new challenges and experiences.

DevOps Engineer - PSI Services LLC. June 2019 - July 2020.

- Migrated numerous on-premise applications and databases to AWS across dev/test/staging/production environments.
 - Migrating an on-premise 3-node Active MQ cluster to AWS Amazon MQ using Terraform.
 - Migrated production and nonproduction Jira instances from on-premise servers to AWS EC2 using Packer and Terraform. Moved on-premise databases to RDS Postgres instances.
 - Created various Terraform modules to deploy the following key resources - EC2 instances, IAM users, policies, roles, ASGs, Load Balancers, Security Groups, EFS, Route 53 records, S3 buckets, ECR repositories, and RDS instances.
- Built CI-CD pipelines for both new and existing applications, using Jenkins, Buildmaster (implementing Helm and Kubernetes charts, Dockerfiles, Powershell and Bash scripts), Artifactory and AWS ECR.
 - Developed a configuration used to deploy 250+ total microservices across 5 environments.
 - Contributed to a company-wide Jenkins shared library for use in all of our pipelines.
 - Updated our EKS cluster to use cluster-autoscaling with managed node groups, allowing the cluster to scale up during times of high traffic, and scale down to lower expenses during off-peak hours.
- Developed a serverless (AWS Lambda) Python function with an ASG termination hook to automatically delete terminated instances from a managed SSH provider, utilizing their REST API and AWS Secrets Manager.
- Configured a monitoring and alerting solution for over 200 servers and websites. Created company-wide best practices for future monitoring and alerting.
- Administrated Jira including upgrading plugins and Jira versions, along with creating screens, fields, workflows, etc.

Personal Projects. January 2019 - Present.

github.com/tklusz | gitlab.com/users/tklusz/projects | www.tylerdevops.com

- Created an open-source Terraform EKS deployment with node autoscaling, RBAC configuration generation, multiple namespaces and users, Kubernetes load balancer definition support (ingress + service) and automatic Route 53 Private Hosted Zone configuration.
- Developed my website using HTML and CSS. Deployed with GitLab pages. Designed with Adobe XD.
- Created a Python script to automatically send an email to a user if one of their Metrolink trains is delayed.

DevOps Projects. August 2018 - May 2019.

- Completed various DevOps projects as a part of a year-long senior-level college class.
- Automated Docker image build and deployment to AWS Elastic Container Registry using GitLab CI.
- Set up Datadog monitoring with AWS Lambda, an IAM role, and an agent ran in daemon mode.
- Built AWS RDS instances using Terraform and connected them to ECS instances in multiple availability zones with a read-replica instance.

EDUCATION

California State University, Northridge | B.S. in Computer Information Technology with Honors

- GPA: 3.72. | Upper Division GPA: 3.94.
- Dean's List: Fall 2015 - Fall 2018.