

Tyler Kluszczynski

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DevOps Engineer - PSI Services LLC. June 2019 - Present.

- Migrated various on-premise applications to AWS EKS and EC2, documenting changes along the way.
 - Migrated a business rules engine and SSO solution from an on-premise DC/OS cluster to AWS EKS, including creation of RDS databases with secret rotation, and kubernetes secrets across multiple environments.
 - Migrated production and nonproduction Jira instances from on-premise virtualized servers to AWS EC2 using Packer and Terraform. Moved the on-premise databases to RDS Postgres instances.
 - Containerized and migrated various TomEE Java application servers from virtual servers to DC/OS clusters.
 - 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, Artifactory and AWS ECR.
 - Developed a baseline configuration used to deploy 50+ microservices across 5 environments.
 - Contributed to a company-wide Jenkins shared library for use in multiple pipelines.
 - Developed full CI-CD pipelines as a part of each migrated application.
 - Created CI-CD pipelines for 10+ new applications.
- 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, versions, and creating screens, fields, workflows, etc.
- Experience interacting with clients, project managers, and offshore teams in an Agile environment.

Personal Projects. January 2019 - Present.

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

- Created a Kubernetes deployment for my website using AWS, Terraform, Python, Docker and Kubectl.
- Developed a website with HTML and CSS. Deployed using 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 400-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.
- Experience creating the following AWS architecture with Terraform:
 - EC2, VPC, EBS, S3, Security Groups, IAM, ACM, ECR, ECS clusters and task definitions.
 - Additional Services - Route 53, ALB, RDS, Lambda, ASG and CloudFront.

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.