Tyler Kluszczynski

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DevOps Engineer - PSI Services LLC. June 2019 - Present..
- Created a CI-CD pipeline allowing for zero-downtime deployment for a video-transcoding application using a blue-green deployment with an ASG and ALB.
- Saved 30+ minutes during each production deployment by creating automated Jenkins pipelines for multiple applications (compared to the previous manual deployment strategy).
- Built various Terraform modules for use in multiple environments (RDS, ASG, ECR, IAM roles and policies).
- Utilized and contributed to a Jenkins shared library to share methods between multiple pipelines.
- Configured a monitoring solution for over 200 servers and websites.

Personal Projects. January 2019 - Present.
github.com/tklusz | gitlab.com/users/tklusz/projects
- Created a Kubernetes deployment for my website using AWS, Terraform, Python, Docker and Kubectl.
  - Created Terraform modules for the following AWS services:
    - EKS, ASG, ECR, VPC and IAM (Instance profile, Policies, Groups, Roles and Users).
  - Utilized Python to build a Docker image from a Dockerfile, upload the image to ECR and start a Kubernetes service using the image.
  - Used Terraform to create the Kubernetes master-cluster and nodes. Utilized EKS for master-cluster deployment, and an ASG with EC2 instances for node deployment.
- Developed a website with HTML and CSS. Deployed using GitLab pages. Designed with Adobe XD.
  - The website uses Cloudflare DNS with a TLS origin certificate.
  - https://www.tylerdevops.com

DevOps Capstone Project - The Planning Parent. November 2018 - May 2019.
- Built and documented various reusable Terraform modules for AWS services.
- 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 Relational Database instances using Terraform and connected them to Elastic Container Service instances in multiple availability zones with a read-replica instance.
- Integrated Slack with our GitLab repository to update the team of changes and pull requests.

DevOps Projects. August 2018 - December 2018.
- Automated website delivery from GitHub to an S3 bucket using CircleCI, then deployed on CloudFront.
- Experience creating the following AWS architecture with Terraform:
  - Core Services - EC2, VPC, EBS, S3, Security Groups.
  - Security - IAM, ACM.
  - Containerization - ECR, ECS clusters and task definitions.
  - Additional Services - Route 53, ALB, RDS, Lambda, ASG, CloudFront.

EDUCATION

California State University, Northridge | B.S. in Computer Information Technology with Honors
- GPA: 3.72.
- Upper Division GPA: 3.94.
- Minor in Religious Studies.
- Dean's List: Fall 2015 - Fall 2018.