Tyler Kluszczynski

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DevOps Capstone Project - The Planning Parent. November 2018 - Present.
- Reduced CI-CD build times by 66% switching to Alpine images from Ubuntu.
- Built and documented reusable Terraform modules for AWS infrastructure.
- Automated Docker image build and deployment to AWS Elastic Container Registry using GitLab CI.
- Set up Datadog monitoring with an AWS Lambda function, 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.
- Completing assignments such as creating a LAMP stack using Ansible and a Dockerfile.
- Training a team member in advanced DevOps topics (Terraform modules, container orchestration).
- Integrated Slack with our GitLab repository to update the team of changes and pull requests.

Tech Projects. January 2019 - Present.
github.com/tklusz | gitlab.com/users/tklusz/projects
- Creating and deploying a website. Designing it with Adobe XD.
    - The website is using Cloudflare DNS with a TLS origin certificate. It's deployed on GitLab pages and coded with HTML and CSS3.
    - I also hosted the website on DigitalOcean using a droplet, firewall, and multistage CI-CD pipeline using GitLab CI and GitLab Container Registry to store an intermediate container image.
    - Monitoring website uptime using Uptime Robot.
    - https://www.tylerdevops.com
- Developed a daily wallpaper changer for Linux distributions using Python.

DevOps Projects. August 2018 - December 2018.
- Automated website delivery from GitHub to an S3 bucket using CircleCI, then deployed on CloudFront.
- Deployed Docker images from AWS ECR to ECS using Lambda with a Python script.
- 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 with Multi-AZ, Lambda, ASG, CloudFront.
- Obtained TLS certificates via Let's Encrypt and AWS Certificate Manager.
- Automated EC2 instance configuration with Ansible, using command and shell modules.

Volunteer Staff Member. September 2017- February 2018.
UltraCraft | ultracraftmc.com.
- Assisted in migrating a web server from an Enjin site to a shared hosting platform, lowering monthly hosting charges.
- Managed a codebase on BitBucket and developed Java programs with MySQL integration.

EDUCATION

California State University, Northridge | BS in Computer Information Technology | May 17th.
- GPA: 3.72.
- Upper Division GPA: 3.93.
- Obtained the highest grade in a 400 level database class with 55 students.
- Dean's List: Fall 2015 - Fall 2018.