






Tyler Kluszczynski

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EXPERIENCE

CIT Capstone Project - DevOps

The Planning Parent

November 2018 - Present.

- Developing AWS architecture in an agile environment, working alongside a client and peers.
- Built and documented reusable Terraform modules for our AWS infrastructure.
- Automated Docker image building and deployment to AWS ECR using GitLab CI.
- Created RDS instances and connected them to an ECS Wordpress container using Terraform.
- Set up Datadog monitoring with an AWS Lambda function and Datadog ECS agent ran in daemon mode.
- Reduced CI-CD build times by 66% switching to Alpine images from Ubuntu.
- Training a team member in advanced Terraform topics (terraform modules, container orchestration with ECS).
- Integrated Slack with our GitLab repository to update the team of changes and pull requests.

Personal Projects

January 2019 - Present.

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

- Creating and deploying a website, designing it with Adobe XD.
 - Using Cloudflare DNS with a TLS origin certificate. Domain purchased from NameCheap.
 - Deployed on GitLab pages.
 - Previously used a customized Hugo theme. Currently using HTML and CSS3.
- Developed a daily wallpaper changer for Linux distributions using Python.

IT Projects - DevOps

August 2018 - December 2018.

CI/CD.

- Automated website delivery from GitHub to an S3 bucket using CircleCI, then deployed to CloudFront CDN.

AWS, Docker and Terraform.

- Deployed Docker images from ECR to ECS using Lambda with a Python script.
- Experience creating the following AWS architecture with Terraform:
 - VPC (route tables, subnets, internet gateways, elastic IPs, security groups).
 - EC2 (nat/bastion/container/T2 instances, application ELB, target groups, launch configurations, ASG).
 - IAM (groups, users, policies).
 - RDS, ECR repositories, ECS clusters and task definitions, ACM certificates, Route 53 records, S3 Buckets.
- Obtained TLS certificates via Let's Encrypt and AWS Certificate Manager.

Ansible.

- 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 | Bachelor of Science in Computer Information Technology | Expected: May 17th.

- GPA: 3.72/4.0.
- Dean's List: Fall 2015 - Fall 2018.
- Minor in Religious Studies.

SKILLS

AWS. | Terraform, Ansible, Docker. | GitLab CI, CircleCI. | Datadog. | Git. | MySQL, SQLite. | Bash, Python. | Linux.