

Paula Gauto

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RELEVANT EXPERIENCE

Senior DevOps Engineer – *PracticeTek*

September 2023 – Present

- Maintain CI/CD pipelines with **GitHub Actions** and **Bitbucket Pipelines** for seamless EKS/AKS deployments.
- Develop, maintain, and update **IaC** using **Terraform** and **Terragrunt** across **multi-region, multi-environment, and multi-cloud platforms** to enable scalable and efficient infrastructure.
- Provide infrastructure support to developers and data engineers, addressing their evolving infrastructure needs.
- **Reduce costs by migrating databases to RDS** and integrating legacy apps into Kubernetes.
- Monitor 30+ micro-services using **Datadog**, enhancing performance and reliability.
- Contribute to the uplift of an API by transitioning from legacy code to newly deployed Kubernetes micro-services.
- Mentor and guide a team of six DevOps engineers, fostering collaboration and driving success.

DevOps Engineer – *Black Spectacles*

November 2022 – September 2023

- Streamlined **CI/CD pipelines** with **GitHub Actions** and **CircleCI** for ECS/Elastic Beanstalk deployments.
- **Redesigned and implemented AWS CDK Python IaC** for a Node.js API, integrating ECS, API Gateway, and a new VPC, optimizing costs and enabling infrastructure scalability through reusable code.
- **Reduced AWS costs by \$3k/month by identifying unused resources and optimizing instance usage.**
- Consolidated tools, migrating to GitHub and optimizing workflows with Dependabot.
- Migrated monolithic applications to AWS Fargate with CDK and Python, modernizing IaC and enhancing scalability.
- Managed seamless domain migration ensuring uptime, minimal user disruption for improved website traffic and SEO.

DevOps Engineer – *Covetrus*

September 2021 – November 2022

- Enhanced and automated **CI/CD pipelines** with **GitLab CI** and **Harness** for efficient **AWS EKS deployments**, ensuring reliability and continuous improvement.
- Collaborated on developing and **maintaining Terraform-based IaC** for deployments on both **Azure** and **AWS**, ensuring reusable, cost-efficient, and scalable infrastructure.
- Leveraged **Azure DevOps** tools and arm templates to deliver .NET apps for the company's most ambitious project to date.
- Served as central point of contact of all Infrastructure-related topics for specific app-dev teams.

DevOps Engineer – *Capital One*

February 2021 – September 2021

- Created and maintained **fully automated CI/CD pipelines** for code deployment using Jenkins and Groovy.
- Designed, maintained, and improved **IaC** using **Terraform**, **Terragrunt**, **Helm**, and Hashicorp Vault for scalable, efficient infrastructure across AWS environments.
- Used Kubernetes to orchestrate the deploy, scale and manage Docker Containers.
- Actively **managed, improved and monitored cloud infrastructure** on GCP, Compute Engine, **Kubernetes**, Cloud Storage.
- Collaborated on the migration to **AWS** by preparing the infrastructure so it is transferable with minimum overhead.

Cloud Engineer – *Covetrus*

October 2020 – January 2021

- Formulated, implemented, and managed policies, procedures for Identity Access Management of our entire Database and **AWS environments**.
- Automated cloud daily tasks, including database IAM using AWS CLI, Python, Bash/ZSH.
- Designed, configured, and managed databases on AWS, including on-prem backups and maintenance, while resolving complex errors to ensure data integrity and system uptime.
- Collaborated with a cross-functional team to deliver tailored solutions, enhancing system functionality and performance.

SKILLS AND QUALIFICATIONS

- **AWS Certified Solutions Architect – Associate**
- **PCEP - Certified Entry Level Python Programmer**
- Programming Skills: Python (Flask, Django), Java, SQL (MySQL, SQLite, PostgreSQL), MongoDB, JavaScript (jQuery, D3.js)
- DevOps: **AWS**, **Docker**, Datadog, Github Actions, CircleCI, GCP, Harness, Jenkins, Terraform, Splunk.
- Languages: Spanish (Fluent).

EDUCATION

Kansas State University, Manhattan, KS - Bachelor of Science in Computer Science