Paula Mendez

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EDUCATION

Kansas State University, Manhattan, KS - Bachelor of Science in Computer Science   May 2019

SKILLS AND QUALIFICATIONS

- **AWS Certified Solutions Architect – Associate**
- <u>Programming Skills</u>**:** Python (Flask, Django), Java, SQL (MySQL, SQLite, PostgreSQL), MongoDB, JavaScript (JQuery, D3.js)
- <u>DevOps</u>: AWS (EC2, EKS, ECR, Route 53, RDS, CloudWatch, VPC, S3), Docker, GCP, Harness, Jenkins, Terraform, Splunk.
- <u>Languages</u>**:** Spanish (Fluent).

RELEVANT EXPERIENCE

DevOps Engineer – *Covetrus*   September 2021 – Present
- Improve and further automate the CI/CD pipeline using **Gitlab CI**, **Terraform** and **Harness** to deploy containerized apps hosted on **AWS EKS in an Agile environment**.
- Participate and collaborate in the continuous improvement of CI/CD pipelines to ensure optimal site reliability
- Leveraged **Azure DevOps** tools and arm templates to deliver .NET apps for the company's most ambitious project to date.
- Serve as central point of contact of all Infrastructure-related topics for specific app-dev teams.

Embedded DevOps Engineer – *Capital One Trade Credit*   February 2021 – September 2021
- Created and maintained **fully automated CI/CD pipelines** for code deployment using Jenkins and Groovy.
- Used **Kubernetes to orchestrate the deploy, scale and manage Docker Containers**.
- Maintained and improve IaC using Terraform, Terragrunt, Helm, Hashicorp Vault, Chamber of Secrets and Version Control.
- 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
- Formulatee, implement, and manage policies, procedures for Identity Access Management of our entire Database and **AWS environments**.
- Worked as part of a cross-functional group to **provide customized platform solutions to fit their needs**.
- **Automated cloud daily tasks**, including database IAM using AWS CLI, **Python, Bash**/ZSH.
- Design, configure and manage databases on AWS and on-prem backups, maintenance, solve complex errors.

Systems Administrator – *Covetrus*   November 2018 – October 2020
- Responded to second and third level support through user-generated service Jira tickets, **diagnosing root causes and providing long-term solutions**.
- Deployed automated MDM processes using jamf to a previously unmanaged macOS fleet, deploying policies, workflows and patching.
- **Wrote, test and deploy PowerShell Scripts and Group Policies** to automate and maintain the Windows Infrastructure.

IT Support Specialist – *Covetrus*   January 2018 – November 2018
- **Provided technical support for 1000+ employees** in 6 offices located all over the United States.
- **Managed Microsoft Active Directory and hardware asset managemen**t, imaging and deployment of workstations.

Research Programmer - *Laboratory for Knowledge Discovery in Databases*   August 2016 – May 2018
- Provided support for data mining and machine learning on a text extraction project partnered with Lawrence Livermore National Lab.
- Implemented a NoSQL Database (MongoDB) to store machine learning results and display on the Flask web app.
- Managed the front-end user interface for customer easy access using **Python** (Flask), JavaScript, HTML and CSS.

Developer - *Beef Cattle Institute, Kansas State University*   May 2016 – August 2016
- **Developed an event monitoring and classification system in Python** for bovine infectious diseases **using current Internet of Things (IoT) technology**.
- Implemented a **Python support for machine learning component** for disease classification based on spatiotemporal pattern analysis from timestamped wearable sensor logs.