Juan **Jimenez**

DevOps Engineer · DevSecOps · Cloud Security

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Summary

With 4 plus years experience in DevOps and Cloud Security, and proven track record of delivering complex projects on AWS, Azure, Azure Devops, Jenkins. Windows, and Linux.(RedHat, Ubuntu, CentOS), Skilled in Powershell, Python, CI/CD pipelines, Terraform, Git, GitHub, Docker, and Kubernetes, with a focus on implementing security best practices DevOps / DevSecOps (SAST, DAST, SCA, IAST) on Azure and AWS through Veracode, SonarQube and Snyk.

My expertise in AWS includes configuring and managing security services such as IAM, VPC, S3, CloudTrail, and CloudWatch. I am skilled in conducting security assessments, identifying vulnerabilities, and implementing remediation plans. Additionally, I have experience with automation tools such as AWS CloudFormation, Terraform, and Ansible to deploy and manage cloud resources securely. In Azure, I have experience working with security-related services such as Azure Active Directory, Security Center, Key Vault, and Azure Firewall. I am adept at implementing security controls to protect Azure resources and designing security architectures for Azure-based solutions.

Work Experience

Orion Advisor Technology
Remote - Seattle, WA

DevOps Engineer
August 2022 - February 2023

- Configured Deployment Groups in Azure DevOps, Responsible for on-premise migration to AWS, Configuring tags, assigning the correct IIS Bindings (API, Rep, Portal,) to over 100 EC2 Machines on AWS Prod. Had a successful Test Deployment, this was part of our Blue Green Deployment.
- Integrated visibility services from DataDog into AWS. Including management of all log sources and metrics from many different sources and protocols.
- Maintained and built new repos (Queue, Payment processors, Pipelines) with Terraform and Ansible, Ran Azure DevOps Pipelines in Test, RC, and Production.
- Worked in a DevSecOps team, coordinating and performing vulnerability assessments with SonarQube and Veracode on Azure DevOps CI/CD Pipelines using automated and manual tools (SAST, SCA, DAST, IAC)
- Building and deploying applications by adopting DevOps practices such as Continuous Integration (CI) and Continuous Deployment (CD) in runtime with various tools like Git, Azure DevOps, VSTS, Jenkins, Terraform, Docker, Kubernetes and managing cloud services in AWS and Azure.
- Collaborated with Senior DevOps Engineers, Solution Architects, and Network Engineers in migrating data center capabilities from on-premises-to-cloud migration infrastructure on AWS.

First American Corporation
Remote - Santa Ana, CA

DevOps Engineer
February 2022 - August 2022

- Implemented data reconciliation plan, created a Powershell script to pull all virtual machine data in Azure, automated a report to present to the data backup team, created repo and hosted on Azure DevOps
- Managed Amazon Web Services like EC2, S3 bucket, Auto - Scaling, AMI, IAM through AWS Console and API Integration, Responsible for syncing Jenkins rules when we ran deployments on Octopus Deploy and Azure DevOps
- Upgraded Pipelines to latest version of RHEL (Red Hat Enterprise Linux), successfully pushed to Test, Staging, and Prod environments
- Orchestrated and maintained AWS infrastructure using Terraform (VPC, EC2, RDS, Security Groups, IAM, ECS, CodeDeploy, CloudFront, EventBridge, SNS, SQS, Lambda, S3)
- Configured CI /CD through Octopus deploy and Synced Jenkins Rules through Systems Manager on AWS
- Azure Administrator role with Azure services such as Microsoft Cloud (Azure/Office 365) technologies, Azure IaaS, Azure Monitor, Azure DevOps, ARM Templates, Azure Policies, Azure Blueprints, Application Insights, Cost Management.
- Responsible for understanding, reviewing, and interpreting Qualys Cloud Platform and Qualys / Web Application Scanning assessment and scanning results, reducing false positive findings, and acting as a trusted security advisor to the company

Midland Credit Management
Remote - San Diego, CA

Systems Cloud Engineer
February 2020 - February 2022

- Set up and managed ElasticSearch and Filebeat to collect, search and analyze log files across servers, Evaluated system logs data from Gateways and AWS resources.
- Provisioned an easily manageable hybrid infrastructure(Amazon AWS + On-premise), EC2, RDS, VPC utilizing IaC(Infrastructure as Code) tools like Terraform.
- Handled P1, P2, and P3 incidents, closed tickets within our SLA, Implemented Application Performance Monitoring and Alerts for CPU, Storage, and Network Health.
- Worked on building and configuring pipelines on Azure DevOps and Jenkins for our CI/CD processes and integration's
- Automated tasks by utilizing Python Libraries, such as Boto3 to build AWS infrastructure.
- Performed SAST, DAST, SCA and IAC security testing on applications and performed False positive analysis using Veracode and SonarQube
- Analyzed Rapid7 and Nessus scans and managed CVE's through Patch management processes on CENTOS Linux environments (Dev, QA, UAT, Prod)

edX, part of 2U Inc.　　　　　　　　　　　　　　　　　　　　　　*Remote - Lanham, MD*

Cyber Security Instructional Staff　　　　　　　　　　　　　　　　　*Sep 2019 - January 2023*

- Provided hands-on training in, bash scripting, Linux, Ansible, Docker, and cloud computing in Azure along with Networking with packet analysis, wireshark, router and switch configuration.
- Taught cloud security, confidentiality, integrity, availability, incident response, and vulnerability assessment with Nessus, along with packet analysis using Wireshark.
- Design and implemented vulnerability management training using tools for patch management and security scans such as Tenable/Nessus, and Veracode
- Utilized Linux and Vagrant to set up and manage virtual development environments, Deploy the environment on Azure, Automate the provisioning and configuration of virtual machines using Ansible, Containerize applications using Docker to enhance security and portability.

ChiroTouch　　　　　　　　　　　　　　　　　　　　　　　　*Remote - Miami, FL*

Software Engineer Intern　　　　　　　　　　　　　　　　　*September 2018 - October 2018*

- Attended scrum and agile sprints to collaborate with the development team.
- Writing front-end forms using JavaScript for therapy software, applied experience with React JS Node.JS, Express JS, modern web UI frameworks, responsive design, RESTful APIs, relational database systems.
- Contributed to the new release of the website, which involved transitioning it from C sharp to Node.js.
- Using Git version control to submit pull requests on Github for code changes to dev, test, and production environments.

Skills

Programming Languages and Skills

DevOps, Linux, CentOs, RedHat, Ansible, API's, Visual Studio, VS Code, Python, JSON, JavaScript, YAML, Linux, MySQL, PostgreSQL, SQL, GIT, Github, Gitlab, Terraform, AWS, Continuous Integration and Continuous Delivery (CI/CD), Docker, Docker Products, Kubernetes, Amazon Web Services, Azure Devops, Software Development Lifecycle, Patch Management, Vulnerability Scanning, SAST, DAST, SonarQube, SolarWinds, Splunk, DataDog, Jira, Octopus, Gitlab, Jenkins, Version Control, Powershell, Windows Server, IIS, Scrum, Kanban, Agile Desktop platforms, Active Directory, IIS, Windows Clustering, Virtualization　　*February 2016 - Current*

Education

Western Governers University

B.S. in Computer Science　　　　　　　　　　　　　　　　　　　*June 2020 - Current*

- CompTIA Security+ ce Certification
- Microsoft Certified Azure Fundamentals AZ-900
- AWS Certified Cloud Practitioner CLF-C01
- Computer Software Tools Certificate Program - San Diego Mesa College 2015