DevOps Engineer

Description
The Cloud DevOps engineer combines software and systems engineering to ensure the efficient and effective operation of PRITS cloud platform. This role is responsible for managing the Cloud DevOps team.

Responsibilities

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- Oversee Cloud Infrastructure design, implementation, and support.

- Provide leadership and guidance of software development focusing on a cloud-first, microservices development model.

- Core responsibilities are both the technical and strategic aspects of infrastructure as code, automation, governance, storage, backups, change management, cost optimization, software delivery, security, resource orchestration, configuration management, monitoring, business continuity, disaster recovery and emergency response

- Enhance delivery and orchestration of cloud and platform services through code

- Implement, operate and optimize CI/CD pipelines for effective delivery of cloud resources and software

- Develop and implement effective reference architecture solutions for the delivery of platform services

- Analysis and resolution of performance and availability issues affecting Code Dog customers and internal stakeholders

- Systems engineering and/or automation activities to solve complex problems associated with running large scale, multi-tenant, production environments

- Build, migrate, operate and improve on our clients cloud infrastructure's security posture and operational capabilities

- Lead the way to an automated, reliable, secure, scalable and cost-effective cloud

- Implementation of proactive monitoring, alerting, trend analysis and self-healing systems

- Participate in incident resolution processes driving restoration and repair of service-impacting issues

Hiring organization
Code Dog Solutions

Employment Type
Full-time

Job Location
151 Calle de San Francisco, 00910, San Juan, PR, USA

Valid through
30.04.2023

- Define non-functional requirements as part of the product and software lifecycle to influence the new designs, standards, and methods for scalable, highly available distributed systems

- Solve problems relating to mission critical services and build automation to prevent problem recurrence; with the goal of automating response to all non-exceptional service conditions

- Support services before they go live through activities such as system design consulting, developing automation tools and frameworks, capacity planning as well as operational and security reviews prior to launch

- Identify and drive opportunities to improve operational workflows

Qualifications

Required Skills

- Bachelor's degree in Computer Science or equivalent

- 2+ years IT management experience

- 2+ years experience with Azure, AWS or other cloud computing platforms

- 5+ years of experience as a Site-Reliability/DevOps/Systems Engineer administration role of customer-facing, high-availability, large scale web-based applications

- 5+ years of Linux/Unix administration

- 5+ years of Windows server administration

- 5+ years of Python, Ruby, C#, Java, Bash or similar languages

- 1+ years of CI/CD experience in a customer facing, production environment

Desired Skills

- Prior successful experience as a Systems, DevOps or Site Reliability Engineer

- Eats, sleeps and breaths all things cloud, Azure and AWS

- Mastery of Linux

- Windows experience is a plus

- Experience with container orchestration (Docker Swarm, Kubernetes, Mesosphere, AWS ECS/EKS)

- Experience with Serverless architecture design, implementation and deployment

- Proficient in Python, Ruby, Java, Bash or similar languages

- Administrative experience installing, configuring, troubleshooting, monitoring, maintaining Linux infrastructure

- Experience with CI/CD tools (Jenkins, CodePipeline, CodeBuild, CodeDeploy, Bamboo)

- Experience with the Atlassian Tools (Jira, Confluence, Bitbucket)

- Experience writing SQL and NoSQL procedures

- Experience analyzing logs using tools

- Prior experience working in an Agile environment

- Demonstrated experience with Cloud and DevOps best practices

- Experience with Orchestration tools such as Terraform or Cloudformation

- Experience leveraging Configuration Management Tools, such as Ansible, Puppet or Chef etc.

- Experience with instrumenting and monitoring production systems utilizing monitoring tools, such as Datadog, NewRelic, Collectd, Grafana etc.

- Networking: knowledge and understanding of network concepts and technology such as TCP/IP, UDP, MAC addresses, IP packets, DNS, OSI layers, ACLs, routing tables, VPN and load balancing.

- Desire to work in a fast paced and dynamic environment

- A passion for operational excellence

- Certifications: Azure DevOps Engineer, Azure Solution Architect or AWS SysOps Associate, AWS Solutions Architect Associate, AWS DevOps Professional