JESSICA CLAIRE

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SKILLS

- Technical Skills:
- DevOps Tools
- GIT, Docker, Jenkins, Terraform, Kubernetes
- Source Code Management
- Git, Bitbucket.
- Cloud Platforms
- Azure, AWS and On-Prime
- Middleware /Application servers
- WebSphere Application Server 6.x, 7.0, 8.0, Tomcat
- Web Servers
- Apache Web Server
- Protocols
- TCP/IP, HTTP/HTTPS, LDAP
- Operating Systems
- Windows and Linux
- Infrastructure as code
- Terraform
- Monitoring tools
- Check_Mk, Datadog, CloudWatch
- Repositories
- Nexus Repository, Harbor Registry
- Ticketing Tools
- HPSM, JIRA, AZURE BOARDS

EDUCATION AND TRAINING

Jawaharlal Nehru Technological University
Kakinada

Bachelor of technology

SUMMARY

A dynamic professional with 10+ Years of experience multiple technical teams, architects, managers and business users, reviewed and documented workloads, system dependencies and business requirements. Mapped workloads to the capabilities of Microsoft Azure for public, private and hybrid clouds and currently working in DevOps environment. Expertise in Build and Deployment of CI/CD pipelines, managing projects often includes tracking multiple deployments across multiple pipeline stages (Dev, Test/QA staging and production). Experienced in Azure App services, AWS and On-prime Environment Setup for Pipelines. Experienced in writing infrastructure Automation modules via Terraform. Proficiency in cloud-based DevOps practices, specifically in Terraform. Expertise in containerization with Docker/Kubernetes and configuration tool Puppet. Deployed and managed applications running on Kubernetes. Set up and managed Docker containers, running Python, DotNet and PHP applications, for deployment into Kubernetes Pods. Experience in Azure Container Registry. Working experience in Git, GitHub, Docker, AWS Repos, TFS. Administration of Azure VMs, Docker containers, IIS, WebSphere, Tomcat & Apache servers. Installation and Configuration of WebSphere Application Server, IHS, IIS, Apache Web Server on Windows Platforms. Good understanding and experienced of ITIL processes. Skilled to work within environment of Change Request, Incident management, building the environment and prioritizing solutions for the business continuity as per the ITIL process. Experience in Automation, Installation, configuration. Troubleshooting of Red hat Linux, Ubuntu and Windows platforms and in DevOps tools like GIT, Docker, MS Build, Maven, CICD and Azure cloud. Troubleshoot any application issues raised by DEV & QA Team Responsible to make sure that application is always up & running. Hands-on experience on Aws resources: S3 buckets, IAM, Load Balancer, VPC, ECS, ECR, RDS, Cloud watch, AWS Autoscaling and AWS Security groups. Maintained Git and GitLab Repositories for source code management. Involved in setting up a clustered environment like Vertical Cluster and Horizontal Cluster. Experience in writing scripts for build, deployment, maintenance, and related tasks using Jenkins, Docker, Maven, and Bash. Worked on AWS DevOps pipeline settings for different line of Business teams based on their requirement. Strong analytical, problem solving and organizational abilities. Strong communication and people skills, both written and verbal.

EXPERIENCE

Radius Ai - DevOps Engineer
Alpharetta • 04/2018 - 12/2022

- Worked as Azure DevOps (ADO) Engineer to setup required infrastructure on Azure
- Used Kubernetes to deploy and orchestrate microservices
- Implemented cluster services using Azure Kubernetes services (AKS) to manage local deployments in Kubernetes
- Implemented Datadog agent on AKS cluster to monitor the services
- Knowledge on Azure Networking Core components and Load Balancing
- Implemented the infrastructure as code using Terraform across multiple services
- Worked on creating Build and Deployment of CI/CD pipelines, managing projects often includes tracking multiple deployments across multiple pipeline stages (Dev, Test/QA staging and production)
- Worked on Git, GitHub, Docker, Kubernetes, TFS
- Troubleshoot application issues raised by DEV & QA Team and to make sure that application is always up & running
- Ability to understanding develop, test, and deploy Python-based applications in variety of cloud platforms
- Worked on ITIL concepts for best practice implementations of change management, continual service improvement, problem management, business continuity, and incident management
- Worked on high availability infrastructure and application design and disaster recovery techniques
- Automated the Backup techniques for taking the backup of Azure services
- Work seamlessly with Engineering, QA, and Operations teams to effectively manage application code
- Experience with Azure Cloud Services, Azure Virtual Machines, Azure storage
- Environment: Azure DevOps, JIRA, GIT Repo, TFS, VMSS, Self-Hosted Linux Agent, Kubernetes.

Kroll - AWS Administrator/ Azure DevOps Engineer
08/2015 - 04/2018

- Installing, Configuring and Administering Jenkins CI tool on AWS Environment
- Analyzing and Resolve conflicts related to merging of source code for GIT
- Implemented the setup for Master Slave architecture to improve the Performance of Jenkins
- Configured and automated the Jenkins build jobs for continues Integration
- Integrate Git repository's webhooks with Jenkins to trigger Continuous Integration
- Installed/Configured and Managed Nexus Repository
- Managing Backups of Instances in the form of Snapshots
- Promotion the code based on different environments like QA, UAT and Prod
- Hands-on experience on Aws resources: S3 buckets, IAM, Load Balancer, VPC, ECS, ECR,RDS, Cloud watch, AWS Autoscaling and AWS Security groups
- Managing application upgrades and Server patches weekly and monthly basis
- Worked on Tickets to solve bugs/tracking within time and assigning corresponding teams
- Monitoring all systems health status and reacting based on issues
- Experienced in Infrastructure Development and Operations involving Azure and AWS Cloud platforms
- Ability to identify and gather requirements to define a solution to be built and operated on Azure and AWS environments
- Develop Kubernetes manifests to deploy applications into Kubernetes Clusters
- Utilize container-based technologies like Docker to support microservice based architecture
- Ability to design and implement automated testing and deployment processes to ensure that applications are deployed with high quality and reliability
- Strong understanding of cloud computing and containerization technologies, and experience with deploying applications to cloud platforms such as AWS and Azure
- Ability to troubleshoot pipeline failures, resolve problems, and optimize pipeline performance
- Coordinate with the development, Database, QA and IT operations teams to ensure there are no conflicts
- Provided Configuration and Build support for different applications, built and deployed to the production and lower environments
- Worked with development team to deliver an end-to-end continuous integration/continuous delivery product in an open-source environment using Jenkins
- By using Jenkins pipeline launching instances in cloud and Virtualization environments
- Terraform Parameterization based on requirement
- Automating Patching, scheduling patching windows every month for both Windows and Linux boxes
- Creating branches to developers to keep their environmental code secure
- Worked on performance issues in daily basis
- Familiarity with software development methodologies, such as Agile and DevOps, and experience with implementing them in a pipeline development context
- Environment and Tools: AWS, YAML, Linux, windows, Git, Jenkins, Scripting, Terraform, Kubernetes.

TechVibes Info Systems - Infrastructure Engineer
State • 10/2012 - 08/2015

- Open cases with Hardware and OS Vendor to replace faulty Hardware and fix OS issues
- Increase System Drives and App Drives for all Guest OS
- Preparing SOP and Instruction Guide documents
- Closely monitoring Memory and CPU high utilization tickets
- Monitoring, managing, and reporting daily, weekly and monthly system status
- Installing services patches, server patches
- Installation and configure Local and Network printers
- Creating Virtual Machines from Template and ISO
- VM Reconfiguration Activities (Disk add / resize, Memory, CPU)
- VMotion and SVMotion Tasks
- VMTools Installation and Hardware Upgradation
- Good Knowledge on HP and Dell hardware's
- VM Hardware upgradations
- Monitoring vCenter Events and Alarms
- Configuring data store to ESXi server using SCSI, iSCSI, Vmfs, Nfs
- Configuring and Managing VMware clustering like HA and DRS
- Upgrading patches for ESXi Using update manager
- VCenter & ESXi Upgradation from ESXi 4.1 to 5.5
- Creation of network port groups at Standard switches
- Managing Host Maintenance as on required
- Responsible to maintain the SLA for Project, Tasks and Tickets, as per Customer need
- Windows servers commissioning based on requirement
- Knowledge in Active Directory Services as installing DNS and DHCP servers
- Working on Incidents and Change Tickets
- Experience on HPSM, BMC Remedy and JIRA
- Follow the Escalation Matrix during P1 Cases
- Open cases with Hardware and OS Vendor to replace faulty Hardware and fix OS issues
- Increase System Drives and App Drives for all Guest OS
- Preparing SOP and Instruction Guide documents
- Closely monitoring Memory and CPU high utilization tickets
- Monitoring, managing, and reporting daily, weekly and monthly system status
- Environment: VMware ESXI, vSphere, Windows Server Windows XP/Vista, Active Directory 2003, SQL Server HP ProLiant Servers, HA/DRS.