JESSICA CLAIRE

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Professional Summary

Bilingual DevOps Engineer with background designing, testing and implementing infrastructure and applications. Talented performer with over 5+ years of experience using source control tools to identify and fix bugs in code. Consistent team player with exemplary multitasking skills.

Skills

- Agile
- Database programming
- Virtualization technologies
- Build releases
- Network security

- Scripting skills
- Network infrastructure administration
- Infrastructure planning
- DNS implementation

Work History

DevOps Engineer, 04/2020 to Current
Saic – Remote Work, FL

- Leads the creation of DevOps standards, patterns, and optimizations to enable teams to deliver high performance.
- Use best practices and tools to help automate the infrastructure, configuration, and deployment of systems in both public/private cloud like AWS, GCP (Google Cloud).
- Collaborate with the DevOps teams to establish and collect KPI's and help drive decisions using analytics.
- Create and maintain users' access policies using AWS IAM, LDAP, Active Directory, OKTA.
- Wrote code and supported architecture in high-throughput systems on the AWS cloud.
- Interfaced with a cross-functional team of business analysts, developers and technical support professionals to determine a comprehensive list of requirement specifications for new applications.
- Monitored automated build and continuous software integration process to drive build/release failure resolution.
- Designed and built ansible, terraform automation tools, and applications to deploy next-generation platform.
- Worked closely with other business analysts, development teams and infrastructure specialists to deliver high availability solutions for mission-critical applications.

Network Analyst / Architect, 03/2019 to 04/2020
Staxa Technologies LLC, Atlanta, GA – City, STATE

- Kept up-to-date on new developments in computer and network vulnerabilities, data hiding, and encryption.
- Visually inspected temperature sensors to maintain the health of servers and network devices.
- Benchmark, analyze, report on, and make recommendations for the improvement and growth of the IT infrastructure and IT systems.
- Worked on AWS service like **EC2, Reserved Instance, Spot instance, ELB, Cloud Watch, RDS(Oracle, MySQL, PostgresSQL), Elastic cache (Redis), Route53, Network (VPC, Route table, Subnets, VPC peering, VPN, NAT gateway)**
- Configured, installed, and tuned reservation platform-based systems for performance in Oracle databases.
- Responsible for developing and maintaining data management and analytical information technologies such as data warehouse, data lake, Big Data, data warehouse appliances, and data virtualization.
- AWS cloud network service like managing VPC, subnets, Route tables, Route53, DNS management, SSL certificates management, Analyze the network issues across the VM's on EC2, creating and analyzing the Security group for the applications, Relation Databases creation and maintenance.
- Administration of various tools and DB's like Tableau, Oracle, MySQL, SQL, PostgreSQL, Dremio, Drools.
- Evolution and support of the Kafka integrations including topics, producers, consumers, and streaming applications.
- Implemented monitoring and alert solution for modern applications and Infrastructure to overcome on the highly distributed, dynamic, and noisy environments using ELK(Elastic Search, Logstash, Kibana), Instana APM, Dynatrace, PagerDuty.
- Install, implement, configure, manage, and support Virtual Machines with VMware.
- Participated in regular 24x7 on-call rotations and coordinated with the offshore team for night-time scheduled activities.
- Scheduling snapshots of volumes for backup and find root cause analysis of failures and documenting bugs and fixes; scheduled downtimes and maintenance of cluster.

DevOps /Junior Network Engineer, 10/2017 to 03/2020
Veridic Solutions LLC – City, STATE

- Perform DevOps on AWS to ensure resiliency, availability, security, and HA/DR. Release Engineer for a team that involved different development teams and multiple simultaneous software releases.
- Maintained and coordinated environment configuration, controls, code integrity, and code conflict resolution.
- Installing, configuring, and administering the Jenkins CI tool in Production, Spinnaker CD tool configuring, and created deployment pipelines to deploy in the Kubernetes cluster.
- Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using Bitbucket source control.
- Used Jenkins for Continuous Integration and Spinnaker as Continuous Deployment. Supported and developed pipelines for Integration, Automated Testing, and Release Management.
- Administered Salesforce cloud deployment across the environments QA, training, UAT, Prod Core CRM, Community Pages, First mates.
- Written Ansible, terraform scripts to provision the Infrastructure in AWS service like Ec2, Created Custom AMI of ec2 instances to provision new environment-based application.
- Created Kubernetes cluster using the KOPS cluster using Ansible in production, stage, and QA,DEV environment.
- Used Nginx as a reverse proxy server and enabled the authentication for the application on the Nginx level for security.
- Worked on multi-cloud (AWS, Vultr, Linode, Google Cloud Platform, Digital Ocean) in both production and staging environment done production support for various services.
- Establish a connection between on-premise and hosted multi-cloud (Linode, Vultr, GCP, Digital Ocean) environments using Direct Connect.
- Developed Chef Cookbooks, Recipes, Resources, Data bags and Run lists, managing the Chef Client nodes, and upload the cookbooks to chef-server from Workstation using Knife and converge the changes by running on chef-client based on role.
- Worked on PostgreSQL detected DB replication lag between the main database and replica read-only databases and encountered lag to retrieve data from the archive.
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Education

Master of Science: Computer Science, 12/2015
New York Institute of Technology - Old Westbury, NY