

Jessica Claire

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PROFESSIONAL SUMMARY

8 years of Overall IT experience in Design and Development of Web, Desktop, Service and Cloud based applications for small and large enterprise.

4 years hands on experience in Amazon Web Servers including, EC2 , VPC, S3, EBS, ELB, CloudFront, IAM, RDS, CCloud Watch, Aurora.

Good experience of systems Administrator and DevOps engineer with solid experience in Compute, Network, Storage, Automation, Cloud and Virtualization areas in IT.

1 Project experience of designing and architect serverless web application using AWS Lambda, API, Gateway, Dynamo Db and Security Token Service(STS).

Hands on experience of BASH Shell scripting on Ubuntu Linux environment with Amazon AWS CLI.

Good understanding of Web application deployment and maintenance of IIS 5.0 and 7.0, Apache on Amazon Web Service(AWS).

Demonstrated good understanding of AWS data migration tools and technologies including storage gateway, database Migration and Import Export services.

Good understanding of networking concepts including TCP, VPN, NAT, Bastion, Host, Subnet, DNS, Gateways and Routers.

Excellent knowledge of source control management concepts such as; Branching, Merging, Labeling/Tagging and integration, with tools like GIT and TFS.

Good knowledge of full Software Development life cycle(SDLC) stages in waterfall and Agile environment.

Good at Relational database design, stored procedure, triggers, user-defined functions, SQL jobs.

Active team player, self-motivated individual with good communication skills, fast learner and a good listener.

SKILLS

DevOps Tools: Chef, Puppet, Jenkins, Nginx,Vagrant, Docker.

Operating Systems: Red Hat, Linux, Solaris, Ubuntu, Open SUSE, Fedora, CentOS, Windows(XP,Vista, 7,8,10)

Web/Application Servers: Tomcat, Apache, Web logic, Web Sphere.

Effective communication

Meeting participation

Cloud Platforms: AWS, VMware ESXi, Microsoft Azure, Rackspace, Open Stack.

Network protocols: TCP/IP. SMTP, SNMP, DNS, DHCP,ICMP,FTP, TELNET, SSH, UDP, RIP, OSPF.

Database: Oracle 10.x, MySQL, SQL server.

Languages: Linux Shell Scripting, Perl, Python, Ruby, Java, C++

Project planning

Virtualization technologies

Analytical Skills.

WORK HISTORY

DEVOPS ENGINEER

05/2019 to CURRENT

Zoom | Denver, CO

Managing network security using load balancer, Autoscaling,Security groups and NACLs.

Support current migration of Data center to Amazon Cloud.

Document system configurations, instance, OS, and AMI build practices, backup procedures, troubleshooting guides and keep infrastructure and architecture drawings with changes.

Executes region to region data migration using Jenkins and Nginx.

Utilize AWS CLI to automate backup of ephemeral data stores to S3 buckets, EBS and create nightly AMIs for mission critical production servers as backups.

Use Puppet and Chef automation tools for configuration management in different systems.

Responsible for maintaining 4-5 different Testing/QA environments and erection of the PROD environment in AWS.

Monitoring Live traffic, logs, Memory utilization and various other factors which are important for deployment.

Support of Applications like Apache Tomcat and Java based applications running on Linux machines for multiple clients.

Installation, configuration and administration of Linux(Red Hat, Centos) Sun Solaris and HP-UX Servers

Manage network using security groups,NACLs, and IAM. Use Amazon RD and MySQL to perform basic database administration.

Hands on experience in Azure with key services like VM, VNet, NSG, Load Balancer, Azure AD and Storage Account

AWS CLOUD ADMINISTRATOR

01/2017 to 04/2019

Carfax, Inc. | Spring Valley, NY

Performed application server built in EC2 environment and monitoring them using cloud watch.

Created Private networks and sub-networks bringing instances under them based on requirement.

Created security groups for both individual instances and for group instances under a network.

Built DNS system in EC2 and managed all DNS related tasks as well as managing the configuration of the applications using chef.

Maintained all development tools and infrastructure and ensure availability for a 24/7 development cycle with teams.

Launched Amazon EC2 Cloud instances using Amazon images (Linux/Ubuntu) and configuring launched instances with respect to specific applications.

Created Snapshots and amazon machine images(AMIs) of the instances for backup and created clone instances.

Performed Server configuration management via Puppet, Transparent Data Encryption (TDE) implementation.

Database Encryption for mirrored Database, SQL Web Replication implementation.

Migrated over 2500 Applications with 3000+ Databases.

Setting up scalability for application server using command line interface for setting up and administering DNS system in AWS using Route53, managing users and groups using the Amazon identity and access management(IAM).

Install and configure Amazon command line interface tools to perform migrations of virtual servers from Ubuntu open VZ physical servers to AWS EC2.

Developed automation scripts using EC2 commands. Designing SQL server reporting Services (SSRS) High Availability.

AWS CLOUD ENGINEER

01/2015 to 12/2016

United Airlines Inc. | City, STATE

Worked as team member within the team of cloud engineers and my responsibilities included; Set up & Managed windows servers on Amazon using EC2, EBS, ELB, SSL, Security Groups, RDS and IAM.

Managed VPC, Subnets, Make Connection between different Availability Zones; Blocking suspicious IP/ Subnets via ACL.

Managed Content Delivery Network on Amazon Cloud Front(Origin Path: Server/ S3) to improve site performance.

Created and Managed buckets on S3 and store Database and logs backup, upload images for CDN server.

Setup databases on Amazon RDS or EC2 instances as per requirement.

Built servers using AWS,Importing Volumes, Launching EC2, RDS, Creating security groups, Auto-scaling, load balancers and SSH into the instance using Putty,Git Bash in a defined virtual private connection.

Worked with IAM service creating new IAM users, groups, defined roles, Policies and Identity providers.

Created alarms and trigger points in Cloudwatch based on thresholds and monitored logs via metric filters, utilized AWS Cloudwatch to monitor the performance environment instances for operational and performance metrics during load testing.

Managed AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources(CPU,Memory,EBS)

Created POCs and architecture for upcoming engagements.

EDUCATION

Bachelor of Science | Business Management
Lagos State University, Overseas

ME | International Business
University of Lagos, Overseas

CERTIFICATIONS

AWS Solutions Associate
AWS Cloud Practitioner
AWS DevOps Associate