JESSICA CLAIRE

- resumesample@example.com
- (555) 432-1000
- 100 Montgomery St. 10th Floor

SKILLS

- Versioning Tools GIT, Bit Bucket, SVN
- Cloud Environments Amazon AWS Cloud(EC2, IAM, RDS, S3, EBS, Route53, ECS, VPC, Cloud Formation, Cloud Watch, Redshift, Lambda, DynamoDB, SNS, SQS, Cloud Trail), Microsoft Azure
- Build Tools ANT, Maven, Gradle
- Bug Tracking, Ticketing Tools JIRA, Service Now
- Languages Python, C++, PL/SQL, XSLT, XSD,WSDL, XPATH
- Web Technologies HTML, Java Script, XML, Cloud technology.
- Web/App server Apache Tomcat, HTTP server.
- Operating Systems Windows, UNIX, Linux (Centos/Ubuntu).
- Scripting Language YAML, Shell scripting
- Monitoring Tools Cloud Watch, Cloud Trail, Sonar Qube
- Configuration Management Tools Chef, Puppet, Ansible, Terraform.
- CI Tools Jenkins, Bamboo
- Containerization Tools Docker, Kubernetes
- Virtualization Platforms Vagrant, Oracle Virtual Box, VMWare, Citrix

EDUCATION

Concordia University Wisconsin
Mequon, WI • 05/2021
MBA: Management Information Systems

JNTUH
Hyderabad, India • 05/2016
Bachelors of Technology: Computer Science And Engineering

PROFESSIONAL SUMMARY

Bilingual DevOps Engineer with background designing, testing and implementing infrastructure and applications. Talented performer with over 7+ years of experience using source control tools to identify and fix bugs in code. Consistent team player with exemplary multitasking skills with professional experience in full SDLC development involving requirements analysis, design, development, testing and implementation of various applications.

WORK HISTORY

Livongo Health, Inc. - DevOps Engineer
West New York, NJ • 03/2020 - Current

- Worked with AWS Cloud platform and its features, which include IAM, EC2, S3, AMI, EBS, CLI, SNS and VPC.
- Involved in configuring Elastic Load Balancers with Auto scaling to handle high traffic loads.
- The role will also be involved in providing recommendations on enhancements, monitoring the performance and support maintenance of deployed solutions.
- We had used Docker compose for running (micro services) multiple application present on various containers with one single command Docker-compose up.
- Used Terraform in AWS to spin up the instances with Infrastructure as Code.
- Used Docker to containerized Micro services in cloud and managed clusters using Docker Swarm and Kubernetes.
- Implemented cluster services using Docker and Kubernetes.
- Worked on various Docker components like Docker Engine, Hub, Machine, Compose and Docker Registry.
- Development of automation of Kubernetes clusters with Ansible, writing playbooks.
- Implemented cloud automation using AWS Cloud Formation Templates, Ansible.
- Used Ansible tower for managing the Ansible playbooks, Creating Inventory, Job templates and scheduling Jobs and Ansible servers.
- Wrote the Ansible playbooks which are the entry point for Ansible provisioning, where the Automation is defined through tasks using YAML format, Run Ansible Scripts to provision Dev servers.
- Used Jenkins to integrate delivery (CI and CD process) and maintained continuous integration (CI) using tools Jenkins over diff environments to facilitate an agile development process which is automated and repeatable enabling teams to safely deploy code many times a day while ensuring completion of scheduled jobs such as Nagios.
- Performed daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups.
- Worked on monitoring tools to configure Nagios, Splunk, and Zabbix.
- Manage AWS EC2 instances utilizing Auto Scaling, Elastic Load Balancing and Glacier for our QA and UAT environments as well as infrastructure servers for GIT and Puppet.
- Experience in setting up the Continuous Integration (CI) and Continuous Deployment (CD) practices.
- For Release Automation of Java and Oracle Fusion Middleware Applications (Oracle ADF, Oracle SOA, OSB).
- Experienced with CI (Continuous Integration) and CD (Continuous Deployment) methodologies with Jenkins build tools.
- Experienced on Network Programs relating to the ECSS contract Network Programs relating to the ECSS contract.
- Installed and configured Jenkins tools on Linux and windows platforms, manage slaves and installing Jenkins plugins.
- Streamlined Build process for Fortify use of code from Manual to Automated mode by setting up Jenkins Automation environment, thus reducing manual error prone, build time, no logging to machine is required.
- Configuration Management and source code repository management using tools like GITBUCKET, Subversion (SVN).
- Built and Configured Linux Servers in AWS Cloud Environment.
- Involved In Day-to-Day System Administration tasks on CentOS 7.x.
- Defined and Implemented Change Management and Release Management procedures.
- Environment: AWS EC2, EBS, S3, ansible, GIT, Apache, Linux, Terraform, AWSCLI, boto3, Terraform, Cent OS7, Kubernetes, Docker.
- Worked effectively with cross-functional design teams to create software solutions that elevated client side experience and significantly improved overall functionality and performance.
- Monitored automated build and continuous software integration process to drive build/release failure resolution.

Cognizant Technology Solutions - Sr. DevOps Engineer
Columbus, GA • 02/2019 - 03/2020

- Worked with different application teams to understand, analyze their current process, tools, techniques, workflows and Involved in evaluation and finalization of state of art tools.
- Improved entire release process by automating all manual/time consuming steps with Devops tools like Ansible, Jenkins, Docker and AWS.
- Managed Deployment automation using Packer-Docker and Terraform involved in automated deployments of EBS on to the AWS Cloud Ec2 instance server and automated the complete deployment environment on AWS.
- Working with build Servers using AWS: Importing volumes, Launching EC2, creating security groups, load balancers.
- Building the AWS infrastructure using VPC, EC2, S3, Route 53, EBS, Security Group, Auto Scaling, and RDS in Cloud Formation.
- Designed roles and groups for users and resources using cloud permission systems AWS identify Access Management (IAM).
- Implemented and created the work environments using Ansible on AWS private VPC which are hosted on the cloud and on premise data centers.
- Deployed and hosted the application on AWS using Playbooks, automated single click deployment onto AWS using Ansible.
- Developed Ansible playbooks to configure, deploy and maintain software components of the existing/new infrastructure.
- Manage the configurations of more than 40 nodes using Ansible, configured Jenkins builds for continuous integration and delivery.
- Extensively worked on Jenkins for continuous integration (integrating with GIT, Docker, AWS, and Ansible) and for End to End automation for all build and deployments with single click by pipeline.
- Worked on infrastructure with Docker containerization.
- Worked on Docker container snapshots, attaching to a running container, removing images, managing Directory structures, and managing containers.
- Used Ansible playbooks to manage Web applications, Environments configuration Files, Users and Packages.
- Written Ansible playbook & modules for Ansible customizations.
- Managed SVN/Git repositories for branching, merging, and tagging.
- Analyze and resolve conflicts related to merging of source code for GIT.
- Implemented the setup for Master slave architecture to improve the Performance of Jenkins.
- Used Jenkins for Continuous Integration and continuous deployment to Tomcat/Web logic Application Server in Multiple environments.
- Releasing code to testing regions or staging areas according to the schedule published.
- Used Jira as ticket tracking and work flow tool.
- Provided 24x7 on-call support on Linux Production Servers.
- Responsible for maintaining security on Red hat Linux.
- Developed Python Modules for Ansible Customizations.
- Environment: Splunk, Ruby, Puppet, Shell Scripting, PHP, GIT, Jenkins, Bamboo, Saltstack, Jira, Web services, Ansible, Open Stack, AWS, VM ware, Jira.

Cognizant Technology Solutions - Sr. DevOps Engineer
East Syracuse, NY • 06/2017 - 10/2018

- Experience in creating AWS VPC network with in regions and Availability Zones to have both private and public networks of web applications that are deployed on EC2 and managed by ECS.
- Build AWS infrastructure various resources IAM, VPC, Security Group, Auto Scaling, Cloud Watch, RDS, NACL, NAT, Firewall, Route 53, and Cloud Formation JSON Templates.
- Created S3 buckets and managed policies for buckets and used S3 bucket and Glacier for storage and backup on AWS and in real-time monitoring and alerting of applications deployed in AWS using Cloud Watch, Cloud Trail, and Simple Notification Service.
- Implemented a Continuous Delivery pipeline with Docker, Jenkins, Bitbucket and AWS.
- Configured the storage on S3 Buckets.
- Experience working with IAM in order to create new accounts, roles, and groups.
- Developed build and Deployment Scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments.
- Familiar and experienced with Agile Scrum development.
- Experience in Installing Docker like container instances and single instances setup with multiple Tomcat Application servers.
- Hands on designing AWS Cloud Formation templates to use services like EC2, RDS, S3, EBS, Cloud Watch, SNS, SQS, Cloud Trail.
- Experience on AWS Cloud Formation templates to create custom sized VPC, Subnets, NAT to ensure successful deployment of Web applications.
- Write Terraform scripts from scratch for building Dev, Staging, and Prod and DR environments.
- Establish CI/CD for trunk and branches to support parallel development.
- Installing, configuring and administering Jenkins Continuous Integration tool on Linux machines along with adding/updating plug-in such as GIT, Maven, ANT and Chef.
- Installed and configured an automated tool puppet that included the installation and configuration of the puppet master, agent nodes and an admin control workstation.
- Deploying application using Jenkins server and Troubleshoot build and release Job failures, work with engineers on resolution.
- Designed, Installed and Implemented Ansible configuration management system.
- Configuration and Administration of Apache Web Server and SSL Certificates.
- Was instrumental in creating a Disaster Recovery (DR) process and setting up new infrastructure in west region of Amazon Web Services.
- Used Ansible to manage Web applications, Environments configuration Files, Users, Mount points and Packages.
- Included security groups, network ACLs, Internet Gateways, and Elastic IP's to ensure a safe area for organization in AWS public cloud.
- Utilized Amazon Route53 to manage DNS zones and also assign public DNS names to elastic load balancers IP's.
- Writing UNIX shell scripts to automate the jobs and scheduling cron jobs for job automation using commands with Crontab.
- Wrote Ansible Playbooks with Python SSH as the Wrapper to Manage Configurations of AWS Nodes and Test Playbooks on AWS instances using Python.
- Experience with Ansible Tower to more easily manage enterprise Ansible deployments.
- Creating and Managing Virtual Machines in Windows Azure and setting up communication with the help of Endpoints and also VM Migrations from Transitional hosts on Canada Boxes.
- Environment: SVN, GIT, Jenkins, AWS, Ansible, YAML, Bitbucket, JSON.

Albertsons Company Inc. - Java Developer
Pacific Grove, CA • 05/2014 - 07/2016

- Designed, developed and implemented software applications for website based on analyzed requirements and understanding of industry technical standards.
- Participated in complete software development lifecycle, including performance analysis, design, development and testing.
- Utilization Therapy Management (UTM) is a comprehensive Utilization program that strives to optimize patient care.
- It is used by customers (hospital staff) to evaluate appropriateness of their medical therapy.
- UTM utilizes data from RDUR and MTM applications, which provide access to the patient records.
- Responsibilities:.
- Developed front-end/presentation tier development using JSP, Servlet, JavaScript, HTML and CSS.
- Using Web sphere Admin console setup the data sources, JNDI properties and JVM custom properties to load environment specific files to web application.
- Used Restful Web Services in the application to communicate to third party APIs.
- Created and deployed the EAR files to Web Sphere Application Server (WAS 6.1/7).
- ANT build and batch scripts are used to create EARs. Installer, generate JUnit reports, etc.
- Used log4j for logging with various levels during enhancement and support.
- involved in developing and supporting the STA CAN Tool System.
- It is a platform built by Samsung that is to support performance monitoring and analysis for Samsung and Sprint 3G/4G networks.
- Lead the design and implementation of data visualization dashboards for internal and external users.
- Translate product requirements and business questions into report requirements and visualization dashboards.
- Connected to various data marts like Oracle/Oracle Data Direct, SQL Server/SQL Server Data Direct, IBM Jacuzzi using information designer.
- Designing and developing the Information links, Data Sources, Columns, Joins, Filters and Procedures.
- Implemented Client Side and Server Side validations using Java Script and Struts Validation Framework on Login and Registration forms.
- Worked with struts framework, struts action classes and validation framework.
- Created stored procedures for the SQL Server 2005 database.
- Invoked web services and parsed the XML results.
- Created complex reports using Custom Expressions, multiple filtering schemes, markings, inserting calculated columns, creating property controls, action controls.
- Combined complex data from different data sources into one report and developed visualizations above that.
- Automating the scheduled reports to refresh the data based on the business users' requirements using windows application Automation Services and windows scheduler.
- Scheduling the reports in web player in order to catch the data so that end users could open and analyze the real time data which are received from the base stations for call quality monitoring and call drop or failure monitoring.
- Used agile software development methods for early delivery and flexible response to change.
- Ensure project compliance as per the defined process with respect to audit findings.
- Environment: Java 1.3, J2EE, JSP, Servlet, Oracle Developer, Oracle 8i, VSS, PL/SQL Developer, JavaScript, web Services, REST Services, XML, HTML and CSS.

ADDITIONAL INFORMATION

- Server infrastructure development on AWS Cloud, extensive usage of EC2, IAM, S3, EBS, Route53, ECS, VPC, Cloud Formation, Cloud Watch, Lambda, SNS, SQS, Cloud Trail, AWS Config. Build servers using AWS, importing volumes, launching EC2, RDS, creating security groups, Auto-scaling, Elastic load balancing (ELB) in the thrival virtual private connection. Provisioning EC2 Instances and have Experience on all resource areas of EC2 like Instances, Dedicated hosts, volumes, Key pairs, Elastic IP's, Snapshots, Load Balancers and Security Groups. Experience in Creating JSON templates in Cloud Formation to manage AWS resources. Experience with Ansible playbooks to Automate the entire deployment process as well as the Infrastructure. Experience in Ansible to manage AWS environments and automate the build process for core AWS used by all application deployments including Auto scaling, and Cloud Formation scripts. Managed Deployment automation using Packer-Docker and Terraform Involved in automated deployments of EBS on to the AWS Cloud Ec2 instance server and automated the complete deployment environment on AWS. Write Terraform scripts from scratch to building Dev, Staging, Prod and DR environments. Experience with Configuration Management/Automation tool Ansible and has worked on Integrating Ansible YAML Scripts. Working expertise on all aspects of Ansible concepts like Control Node, Managed Nodes, Inventory, Modules, Tasks, Playbooks etc Experience in the configuration of the AWS SDK (Boto3), AWS-CLI. Good Exposure on Vagrant & Docker based container deployments to create environments for dev teams and containerization of environment delivery for releases. Experience with containerization and clustering technologies like Docker and Kubernetes. Used Docker to implement a high-level API to provide lightweight containers that run process isolation and worked on creation of customized Docker container images, tagged and pushed the images to the Docker hub. Hands on experience in Open Shift containers, maintaining pods and managing Kubernetes in automating deployment, scaling and management of Containerized applications. Extensively worked with source code using Version Control tools like SVN (Subversion), GIT, GitHub, Bitbucket. Expertise in using build tools like Ant, Maven and Gradle for the building deployable artifacts such as Jar, War, Ear and Zip extension files. Worked with Docker and Kubernetes on multiple cloud providers, from helping developers build and containerize their application (CI/CD) to deploying either on public or private cloud. Extensively worked on creating CI CD pipelines using Jenkins for building, validating and testing the Cloud formation templates, Ansible Playbooks. Implemented CI/CD process using CDP process for global development team, allowing for dozens of code updates per hour with zero downtime. Created CI/CD pipelines and setup auto trigger, auto build and auto deployment with the help of the CI/CD tool like Jenkins. Implementing new projects builds framework using Jenkins as build framework tools. Easily mingle with the newly evolved technologies in the market. Good Knowledge of scheduling the task in Jenkins, Linux environment using Cron Jobs. Pretty well knowledge on web servers like Apache and application servers like Web logic, Tomcat, WebSphere to deploy code. Configured the Jenkins file to schedule periodic Jobs daily and report to the team in case of build failure. Rehydrated the AMI of the Instances using Jenkins job in QA and PROD environments. Work experience on Web Sphere Data power, Message Queue. Having sound knowledge on every process of Datapower appliance like JSON certificate management, Raising ITSC request to procure SSL certificates, Domain backup and service flow. Involved In functional and non-functional requirement clarification with business analysts. Security concepts (Single sign-on, digital signatures, encryption/decryption, PKI, SSL.) Knowledge of Web Service standards (WSDL, SOAP 1.1, 1.2), XSD, MATH, WSDL, XSL, and ESQL. Troubleshoot and debug services using the problem determination tools, logs, and probes provided with the Data Power. Interested towards the new technologies which are raised newly in the market.