

Jessica Claire

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SUMMARY

- 3 years of experience in the field of DevOps Engineer in application configurations, code compilation, packaging, building, automating, managing and releasing code from one environment to other and deploying to servers.
- 9+ years of overall experience working in Devops, Big Data and Datawarehouse Technologies.
- Experienced in Jenkins by installing, configuring and maintaining for purpose of continuous integration (CI) and for end to end automation for all build and deployments and creating Jenkins CI pipelines.
- Hands on experience with EC2, S3, RDS, VPC, ELB, EBS, Auto scaling.
- Experienced in branching, merging and maintaining the versions using SCM tools like Git and GitHub on windows and Linux platform.
- Experienced in Project Management and issue tracking tool like JIRA.
- Experienced in the creation of Docker containers and Docker consoles for managing the application life cycle.
- Creating custom Docker Images using Docker file for easier replication of DEV and QA Environments in local machines.
- Performed and deployed builds for various Environments like QA, Integration, UAT and Productions Environments.Developed and deployed Chef, puppet based on their cookbooks, recipes and manifest.
- Configured and monitored distributed and multi-platform servers using Nagios.
- Strong analytical and problem-solving skills and can work either independently with little or no supervision or as a member of a team.
- Good written and verbal communication skills, strong organizational skills and a hard-working team player, well-practiced in attending phone calls and answering business team queries.

SKILLS

- **Versioning Tools** - Git
- **CI** - Jenkins, Chef, Puppet
- **Build Tools** - Maven
- **Ticket Tracking Tool** - JIRA
- **Containerization Tool** - Docker
- **Operating System** - Windows , Unix
- **AWS** - Amazon EC2, S3, RDS, ELB, EBS, Auto scaling.
- **Languages** - SQL, NO SQL
- **Scripting Language** - Shell, Python
- **Web server** - Apache Tomcat
- **Database** - Oracle,SQL Server, MySQL, Teradata, DB2, Netezza
- **Big Data** - Hadoop, HDFS, Map Reduce, Flume, Pig,Sqoop, Hive, Oozie, MongoDB
- **ETL** - Ab Initio
- **Monitoring Tool** - Nagios

EXPERIENCE

- 01/2015 to Current **Devops Engineer**
Palantir Technologies – Pittsburgh, PA
- Managed cookbooks in Chef and Implemented environments, roles, and templates in Chef for better environment management.
 - Used Shell scripts to day to day activities and tasks for automating.
 - Used Jenkins tool to automate the build process.
 - Installing and configuring Jenkins master and slave nodes. Built CI/CD pipeline and managing the infrastructure as code using chef and puppet.
 - Have experience in cloud platform like AWS.
 - Created and implemented chef cookbooks for deployment and also used Chef Recipes to create a Deployment directly into Amazon EC2 instances.
 - Worked in GIT to manage source code.
 - Setup Chef Server, workstation, client and wrote scripts to deploy applications.
 - Deployed the applications to Tomcat Application Server and static content to Apache web servers.
 - Automated the continuous integration and deployments using Jenkins, Docker.
 - Installed, Configured, and Managed Monitoring Tools such as Nagios for Resource Monitoring/Network Monitoring.
 - Worked on Docker container to create Docker images for different environments.
 - Responsible for taking the source code and compiling using Maven and package it in its distributable format, such as a WAR file.
 - Implemented process for release management, automated code deployment, configuration management, and monitoring.
- Environment:** Amazon EC2, S3, RDS, VPC, ELB, EBS, Auto scaling, UNIX/LINUX, Redhat Linux 6, CentOS, Jenkins, Windows, Apache Tomcat, Shell Scripts, Docker, Nagios, puppet.
- 03/2012 to 01/2015 **Big Data / Datawarehouse Tech Lead**
Bwxt – Washington, DC
- Worked with systems engineering team to plan and deploy new Hadoop environments and expand existing Hadoop clusters with agile methodology.
 - Monitored multiple Hadoop clusters environments using Control-M, monitored workload, job performance and capacity planning using Cloudera Manager.
 - Experienced with through hands-on experience in all Hadoop, Java, SQL and Python.
 - Participated in functional reviews, test specifications and documentation review.
 - Performed MapReduce programs on log data to transform into structured way to find user location, age group, spending time.
 - Analyzed the web log data using the HiveQL to extract number of unique visitors per day, page views, visit duration, most purchased product on website.
 - Exported the analyzed data to the relational databases using Sqoop for visualization and to generate reports by Business Intelligence tools.
 - Documented the systems processes and procedures for future references, responsible to manage data coming from different sources.
 - Managed multiple projects as a Datawarehouse tech lead in Onsite - Offshore model.
- Environment:** Hadoop, HDFS, Map Reduce, Flume, Pig, Sqoop, Hive, Pig, Sqoop, Oozie, MongoDB, Shell Scripting.
- 02/2011 to 03/2012 **Systems Engineer**
Cognizant Technology Solutions – Santa Monica, CA
- Supported in Gathering requirement and understanding the business functionality in case of TPR (Technical Project Request) document.
 - Develop the graphs according to the business requirements.
 - Analyze source systems file layouts and write DML for extracting the data from various sources like flat files, tables, Mainframe Copy Books, Responder Layouts.
 - Involve in analyzing the data transformation logics, mapping implementations and data loading into target database through Ab-Initio graphs.
 - Developing UNIX shell scripts for automation processes.
 - Involve in fixing the unit and functional test case/data defects.
 - Analysis of Existing application and identifying improvements.
- Environment:** Ab Initio 3.03, Teradata 12, UNIX (Sun Solaris Korn Shell).
- 2009 to 02/2011 **Ab Initio Developer**
Hewlett Packard Global India Pvt Ltd. – City, STATE
- Develop the graphs according to the TPR document.
 - Analyze source systems file layouts and write DML for extracting the data from tables.
 - Involve in analyzing the data transformation logics, mapping implementations and data loading into target database through Ab-Initio graphs.
 - Developing UNIX shell scripts for automating processes.
 - Involve in fixing the unit and functional test case/data defects.
 - Analysis of Existing application and identifying improvements.
 - Prepare result analysis graphs to validate business test case results.
 - Performance testing of all graphs against huge volumes of data.
- Environment:** Ab Initio 3.03, Teradata 12, UNIX (Sun Solaris Korn Shell), MOSS 2010.

EDUCATION

- 2008 **Bachelor of Engineering: Electronics and Communication**
Anna University - Chennai, Tamil Nadu

CERTIFICATIONS

- Cloudera Certified Hadoop Developer (CCD - 410).
- Certified MongoDB Developer.