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.

Critical thinking DevOps Engineer with extensive understanding of high availability architecture and concepts. Purpose-driven professional with capacity to be strong team player plus work effectively independently. Bilingual DevOps Engineer with background designing, testing and implementing infrastructure and applications. Talented performer with over [Number] years of experience using source control tools to identify and fix bugs in code. Consistent team player with exemplary multitasking skills.

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**
Radius Ai – Erwin, TN

- 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 – Alameda, CA

- 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 – City, STATE

- 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.
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- 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.