JESSICA CLAIRE

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SUMMARY

ü Extensive experience in setting up **CI/CD pipelines** using tools such as **Jenkins, Maven, Docker, Nexus, Artifactory and Slack.**

ü Extensive experience in distributed **Agile and Scrum** methodologies to develop best practices for software development and implementation.

ü Strong experience in migrating applications to **AWS** platforms.

ü Strong experience in working with version control systems such as **Git, GitHub, Bitbucket.**

ü Experience working with developing scripts and automation tools used for **building, integrating, and deploying software releases to multiple environments.**

ü Good knowledge in scripting languages such as **Groovy, YAML Shell scripting.**

ü Strong experience in code quality and code coverage tools such as **SonarQube, Jacococ.**

ü Good knowledge of container technology such as creating **Dockerfiles** and working with **Docker containers.**

ü Strong exposure to infrastructure and configuration management tools such as **Terraform** and **Ansible.**

ü Good exposure to **Kubernetes.**

ü Successfully participated in the release cycle of the product which involved environments like **Development, QA UAT** and **Production.**

ü Worked with project documentation and documented other application related issues, bugs on internal wiki website.

ü A highly motivated, energetic individual, a team player with excellent communication and inter-personal skills, has a knack for problem solving.

SKILLS

· Cloud platforms: **AWS**	· Application/Web Servers: **Tomcat, Nginx, Apache**
· Framework/DevOps tools: **SonarQube, Nexus, Artifactory, Jenkins, Slack, JIRA**	· Operating Systems: **Ubuntu, Red Hat, Linux, Windows**
· Build Tools: **Maven**	· Databases: **SQL Server, MySQL, PostgresSQL**
· SCMs: **Git, GitHub, Bitbucket**	· Programming Languages: **PHP, Java, YAML, Python**
· IAC Tools: **Ansible, Terraform**	· Scripting & Other Tools: **Git Bash, Shell Script, MobaXterm, Groovy, iTerm**
· Containers/Orchestration: **Docker, Kubernetes**	· Monitoring Tools: **Datadog**

EXPERIENCE

01/2015 to Current   **Devops Engineer**
Invitae – San Diego, CA

- 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**
Bechtel – Richmond, VA

- 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 – Tucson, AZ

- 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.