JESSICA CLAIRE

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TECHNICAL SKILLS

Tools and Technologies: Jenkins, Docker, AWS, Kubernetes, Vault, helm, GCP, GKE, maven, splunk, prometheus, SonarQube, RMQ, GitHub, SVN, SQL Developer, Apache Directory Studio, Pivotal Cloud Foundry, LDAP, Okta, Incapsula, Ant, Maven, uDeploy, BPPM, Workload Control Centre, Siteminder, Connect Direct, Doubletake, Fiddler, DynaTrace, Sitescope, MQMonn, Procmon. Confluence, Rally.
Scripting & Programming Languages: Groovy, Terraform, YAML, JSON, GoLang, Python, Batch, PHP, Perl, Shell

EDUCATION

Nitte Meenakshi Institute of Technology
Bangalore, Karnataka • 2009

Bachelor of Engineering: Computer Science and Engineering

Indian Institute of Science (IISc)
Bangalore, Karnataka • 2009

Project During Graduation: Optical Character Recognition (Using Neural Networks)

PROFESSIONAL SUMMARY

Cognizant Technology Solutions - DevOps Architect
Austin, TX • 04/2010 - Current

- 10 years of experience working on DevOps Structure and Methodologies.
- Hands on experience in Docker, Kubernetes, GCP and Terraform coding.
- Worked on Airflow design and setup for a retail client using - Glusterfs, heketi, GKE, GCS, Terraform and MySQL.
- Hands on experience on setting up Vagrant and Concourse CI pipeline for a project.
- Hands on experience working on setting up AWS infrastructure for Web Services/Applications/ Databases for a client.
- Good experience in defect tracking tools like JIRA/ALM/Teamforge and integrating them with GIT and Jenkins.
- Gained expertise over the years in analyzing and troubleshooting the issues with the application or the infrastructure.
- Performed DevOps for Windows (more than 600 servers), Linux platforms.
- Worked on setting up MySQL on a LINUX machine and also created a relational database model for a project.
- Worked on DevOps operations for Consulting/Setup of .net, JAVA, Batch applications.
- Historic data analysis of Environment Availability and suggesting possible remediation's & process improvements.
- Prepared estimates for effort involved and resource count for W2k3 to W2k8 migration project within the Insurance domain.
- Networking experience in configuring ACE/F5 LBP & Layer 7 URI redirection and host file redirection.
- Worked on Leading the Development and DevOps team to design and develop the applications required to grab and process the Market data from different stock exchanges all over the world and provide the same to customers in real-time.
- Good experience in application tune up to meet capacity needs using tools like vTune, gdb, valgrind.
- Hands on experience in setting up the build environment for a project from scratch.
- Hands on experience working on puppet and have done an end to end integrtion of an environment stack from the Infrastructure provisioning stand point till the application delivery.
- Experienced in setting up Jenkins for an project and also used the Jenkins command line features and the REST API within an automation. The Jenkins REST API xml output was integrated with MySQL database using Shell script, PHP and PHP-MySQL.
- Part of the application Architecture and Solution Architecture connects to learn about new requirements coming along our way and also proposed viable solutions related to continuous integration and deployment available in the market to accommodate the clients requirement.
- Hands on experience in tools/utilities like: Fiddler/Bladelogic/DynaTrace/SPLUNK/Puppet Labs/ Autosys Workload Control Center/Procmon/BPPM/Sitescope/Siteminder/MQMonn/SQL & Oracle Client
- Proposed a branching and release strategy for a large scale project (both pre & post MVP release)
- Suggested framework changes to a major Market data client, to avoid incorrect data calculations when lost data was recovered and processed
- Worked on setting up airflow for a big retail client for processing their daily batches. The technologies incorporated in the setup are kubernetes, docker, helm, gcp, glusterfs, heketi, gke, terraform, maven, splunk, prometheus
- Hands on experience in setting up jenkins pipeline for an entire project which includes Micro services, Mule API's, Database, UI & Infra (RMQ, Redis Cache & Dynatrace)
- Hands on experience automating build breakers for code quality, code governance, API governance checks

PROFESSIONAL EXPERIENCE

Client: Insurance Domain client
Position: Onshore Team Lead
Work Location: Hartford, CT, USA
April 2010 - January 2016

Responsibilities:

- Responsible for Environment and Infrastructure provisioning for both Windows and LINUX platforms.
- Lead the Incident management team to effectively resolve the open issues and also find the pattern for the recurring issues and provide a permanent solution.
- Worked with architecture team/application development teams to get the requirement for the application to run on the requested infrastructure and provision the same.
- Managed complex Production Release activities on time with no delay caused.
- Managed an offshore team with a headcount of 10 resources, and also mentored everyone for efficiently delivering the client needs.
- Worked within more than 8 Agile project teams with Architects and Development teams, as a Infrastructure and Configuration management expert.
- Performed DevOps for Windows (more than 600 servers), Linux platforms.
- Worked on scripting languages - Shell, Batch, PHP.
- Historic data analysis of Environment Availability and suggesting possible remediation's & process improvements.
- Prepared estimates for effort involved and resource count for W2k3 to W2k8 migration project within the Insurance domain.
- Completed load balancing and proxying of systems, servers and components.
- Collaborate with Network/Security/Middleware/Application/Design/Architecture/Testing teams to provide the one stop shop experience.

Client: Telecom Domain client
Position: Onshore Team Lead
Work Location: Seattle, WA, USA
January 2016 - August 2016

Responsibilities:

- Hands on experience in setting up Build region/servers for a project from scratch.
- Experienced in end to end setup of Jenkins for build and deployment.
- Experienced working on setting up AWS infrastructure for Web Services/Applications/Databases for a client.
- Good understanding of how Chef works and where the services of Chef can be implemented. Also did an analysis of how to do an end to end integration of an infrastructure from the Infrastructure provisioning stand point till the application delivery.
- Experienced in setting up Jenkins for an project and also used the Jenkins command line features and the REST API within an automation. The Jenkins REST API xml output was integrated with MySQL database using Shell script, PHP and PHP-MySQL.
- Worked on scripting languages - Shell, Batch, PHP.
- Worked on setting up MySQL on a LINUX machine and also created a relational database model for a project.
- Worked in DevAutomation for CI/CD/CT
- Managed an offshore team of 6 resources.

Client: Health Care client
Position: Technical Lead
Work Location: Dublin, OH, USA
September 2016 - Till date

Responsibilities:

- Experienced in setting up a build pipeline for a project.
- Hands on experience in integrating Team Forge with GIT.
- Experienced in laying out the design to include Release Management processes in the CI/CD approach.
- Working on setting up a DevOps Framework for enterprise wide consumption in the organization by performing POC's and analysis on various tools involving the DevOps concepts.

ACCOMPLISHMENTS

- Completed AWS Certified Solutions Architect - Associate training.
- Promoted to Infrastructure Senior Analyst after 2 years of employment.
- Developed several internal tools to automate mundane tasks that were quickly adopted by the team.
- Created automation for metrics creation using MySQL, Jenkins Rest API's, Shell, PHP on LINUX platform in order to assess the success rate of Continuous delivery operations.
- Worked on DevOps operations for Consulting/Setup of .net, JAVA, Batch applications.
- Gained expertise in Autosys and also did a large scale setup for a project with the Insurance Client.
- Completed ITIL V3 Certification