**SUMMARY:**

* Over **8+ years** of IT experience as a **Deovps Engineer** in **automating, building, deploying** and releasing of code from one environment to another environment.
* Expert in designing and **developing Jenkins deployments**.
* Experience on Continuous Integration Jenkins and Anthill, performed end to end automation for build and deployments.
* In depth understanding of the principles and best practices of software configuration management (SCM) in Agile, Scrum and Waterfall methodologies.
* Working knowledge of branching and merging code lines in the GIT and resolved all the conflicts raised during merges.
* Experience in working with version control systems like **Subversion, clear case, Perforce, GIT** and used **source code** management tools like **Tortoise SVN, GitHub**.
* Hands on **TFS (Team Foundation Server)** based build system.
* Extensive experience in using **MAVEN and ANT** as build tools for building of deployable artifacts **(jar, war & ear)** from source code.
* Good knowledge on using **Art factory repos** for **Maven** and **Ant builds.**
* Hands on developing and executing Shell scripts, Perl scripts and Python scripting.
* Expertise in executing of **XML, Ant scripts, shell scripts, Perl scripts** **and Java scripts.**
* Good knowledge on **Linux, Solaris and UNIX administration**.
* Experience of working with release and deployment in **Java/J2EE, Android, C, C++** **and web application environments**.
* Hands on monitoring and alerting services for servers using **NAGIOS**.
* Good knowledge of **C, C++ and JAVA**.
* Hands on experience using **Bug tracking** tools like **JIRA, HP Quality center and Bugzilla.**
* Experience in **Amazon Web Services (AWS).**
* Experience with **Amazon AWS cloud creating EC2 instances, security groups, EC2** container services and **Amazon elastic block store.**
* Experience in writing **Chef Cookbooks** and **recipes to automate** the deployment process and to integrating **Chef Cookbooks** into Jenkins jobs for a continuous delivery framework.
* Knowledge of databases like **MySQL, Oracle and IBM DB2**.
* Familiar with container technologies like **Docker** and orchestrators like **Kubernetes**
* Good knowledge on networking concepts like **routers, switches, DHCP, DNS, OSI layers, TCP/IP protocols.**
* Ability in managing all aspects of the software configuration management process including code compilation, packaging / deployment / release methodology and application configuration.
* Container clustering with **Docker Mesos/Kubernetes**
* Experience in installing, configuring, managing, tracing complex build problems, release issues and trouble shooting skills.
* Efficient in working closely with teams to ensure high quality and timely delivery of builds and releases.
* Excellent experience in designing, documenting and automating the build and release process.
* Good analytical, presentation & communication skills and able to adapt new technologies and project environments.

**Technical Competencies:**

* Build Tools: ANT, MAVEN
* Version Tools: Clear Case, SVN, GIT, Perforce
* CI Tools: Jenkins, Bamboo, Hudson, Anthill
* Web technologies: HTML, XML, JAVA Script
* Configuration Management Tools: Puppet, Chef, Ansible
* Languages: C, C++, Perl scripting, Shell scripting, Java, ruby, python
* Database: MySQL, IBM DB2
* Operating Systems: Windows server LINUX (RHEL 6/7), UNIX (11.0, 11.11, 11.23), Centos
* Bug Tracking: JIRA, Bugzilla, HP quality center
* SDLC: Agile, Scrum, Waterfall
* Cloud Technologies: Amazon Web Services (AWS), Open stack, Docker

**WORK EXPERIENCE:-**

**Client: JPMorgan Chase (New York, NY) May 2016 to Present**

**Role: Senior DevOps Engineer**

The DevOps team was focused on creating build jobs and deployment scripts to automate delivery of the application codes. The DevOps teams owned access maintenance for application developers and owned release cycles as part of the continuous integration. The team focus was to explore all manual areas and provide automation solutions to the development and testing teams.

**Responsibilities:**

* Defined automation roadmaps for the team. Worked with the teams to understand their needs and drove them towards continuous integration and delivery. Migrated over fifty applications to the DEVOPS standards which includes 100+ sub-applications
* Tracked the team activity through Jira. Defined Sprint stories for the team and ran standup calls for the teams to track their status. Managed the daily scrum calls and monthly sprint meetings
* Designed and developed application builds jobs in Jenkins (Created jobs for Java, .Net and progress applications). Built and maintained the Jenkins server. Set up Jenkins server and installed Maven, ANT, SVN both in Linux and on a Windows server
* Worked and guided the team with Jenkins migration from 1.532 to 1.651 to 2.8
* Developed and maintained deploy jobs for application code deployment across all environments
* Developed deployment scripts for various applications in Mortgage Express
* Automated build and the deployment process. Worked with the testing teams to automate test cases as part of the post deployment action. Did Cucumber setup for testing automation
* SVN branch creation and maintenance and maintained the parallel branches for continuous delivery
* Working experience in ARM, CHEF and Ansible as a configuration Management infrastructure.
* SVN to GITS migration. Defined Release cycle and communicated to all AD teams
* Coordinated and owned EVN sync-up activity
* Defined release timelines and coordinated the release from lower environment to production
* Extensive work on the performance tuning of Oracle ETL process.
* Deep understanding of the Data Warehousing SDLC and architecture of ETL, reporting and BI tools.
* Designed suggestions to automate the deployment plan generation and release requests
* Triggered ARM jobs through Jenkins and enabled them to build in cron pattern.
* Reviewed build and deployed scripts created by the team. Maintained Black Duck scan reports and ensured the application code packages were not subject to vulnerability. Triaged the application issues and worked with the production support teams to provide solutions in a timely manner

**Environment:** Linux, Windows, Unix shell scripting, Windows Power Shell, DevOps, PHP, Python, Oracle, Progress, MySQL, ARM, Jenkins v1.532/1.651/2.8, Maven, ANT, JIRA, Rundeck, Cucumber Peregrine, SVN, GITS, Crucible, Nexus Repository, Blackduck OSS Scan

**Client: Lexis Nexis (Dallas, TX) Feb 2015- April 2016**

**Role: DevOps AWS Engineer**

**Project:** As a Deovps Engineer my role was to deploy one of their applications on AWS cloud for which I need to automate the configurations required for the application using Ansible.

**Responsibilities:**

* Designed and implemented Continuous Integration and Continuous Deployment frameworks from code to deploy using Jenkins.
* Designed and implemented automated provisioning and configuration frameworks in support of infrastructure-as-code.
* Provided POC's to provision the AWS infrastructure using Ansible playbooks which includes checking the health status, monitoring and gathering facts about the ec2-instances, elastic load balancers, auto scaling groups and other AWS resources.
* Setting up the Ansible control machine (RHEL7) and configured the remote host inventories via SSH.
* Build, deploy and migrate infrastructure to Azure utilizing ARM templates and some Terraform. Work with VSTS to create all-inclusive CI/CD process.
* Worked closely with other development and operations team to understand complex product requirements and translated them into automated solutions.
* Involved in AWS architectural design to provision the AWS resources.
* Involved in writing the packer scripts to generate the machine images for AWS.
* Managed the AWS cost cutting by writing the Ansible playbook for auto start/stop of AWS resources at a particular time of the day by triggering it from Jenkins.
* Providing a test-driven development for Ansible by using Server spec. Written spec tests for checking if servers are configured correctly.
* Setting up Server spec on the local and writing the test cases to check the configurations and impotency of the remote servers.
* Versioned the playbooks on the source code management tool GitHub.
* Used Jira for tracking and ticketing.

**Environment:** GIT, GITHUB, Shell scripts, Maven, Jenkins, Ansible, Confluence, Jira, Virtual box, Vagrant LINUX (RHEL7, CentOS), UNIX, AWS, Server Spec

**Client: MAQ Software (Redmond, WA) April 2014- Jan 2015**

**Role: DevOps Engineer**

**Description:** MAQ Software is a digital marketing and technology solutions company. They offer cost effective Digital Marketing and Analytics solutions using cloud and mobile platforms. Responsible for software development, testing and integration with web database servers. Automated test cases debug and fix errors in server applications and infrastructure.

**Responsibilities:**

* Responsible for technology research, budgeting, feasibility, evaluation and proof of concept.
* Systems design and architecture to meet capacity and throughput demands, as well as performance requirements.
* Integrate with management and development organizations to produce high quality enterprise level hardware and software solutions that meet or exceed client demands, with an eye for the most efficient and cost-effective solutions available.
* Focus on application/systems performance and capacity management.
* Debugging and support of applications using profiling and monitoring solutions such as Compuware Dynatrace, Wily Introscope, Team quest, jProbe, jProfiler, Valgrind, etc.
* Headed up team responsible for next generation performance engineering best practices, and provided consulting expertise for existing product teams on how to integrate performance into development life cycles.
* Worked on Kubernetes and Docker images to provide platform as service on private and public cloud in AWS cloud.
* Collaborate in the automation of AWS infrastructure via terraform and Jenkins - software and services configuration via chef cookbooks.
* Used Struts tag libraries (html, logic, and bean) in the development of JSPs.
* Using Jenkins AWS Code Deploy plug-in to deploy to AWS.
* Wrote UNIX shell scripts to fetch, parse, and load data from external sources.
* Converting production support scripts to chef recipes.
* Build, configured and support Application team environments.
* Written wrapper scripts to automate the deployment of cookbooks on nodes and running the chef-client on them in a Chef-Solo environment.
* Automated Weekly releases with ANT/Maven scripting for Compiling Java Code, Debugging and Placing Builds into Maven Repository.

**Environment:** GIT, JENKINS, CHEF, MAVEN, AWS, EC2, WEBSPHERE, ANT, PUTTY, Kubernetes Java, J2ee, SOA.

**Company: FCA Group, Auburn hills, MI May 2012- Feb 2014**

**Role: DevOps Engineer, Senior Consultant**

**Responsibilities:**

* Implementation of Build and deployment process with **tools like Jenkins, GIT**.
* Implementation of Continuous Integration and designing of continuous delivery **using Jenkins.**
* Good knowledge on configuration management using **Ansible, puppet.**
* Knowledge of code management tool **GIT** and its concepts – Configuration, Administration, branching, merging, tagging, and committing changes.
* Design, integration, deployment and administration of **Drupal, PHP, Tomcat** across **LINUX** platforms.
* Hands on experience of Infrastructure and Application Admin scripting using **Shell**. Expertise on writing Shell script's to perform unmanned tasks.
* In depth knowledge on **ZEUS (Riverbed Traffic control system)** and Load balancing concepts – Configuration and Administration of Virtual pools, written redirect, caching, holding page rules etc.
* Implementation of various applications, system monitoring tools and Technical Expertise on **Nagios/NRPE, Munin, Graylog, Graphene/statsd**. Knowledge of implementing, administering and monitoring My-SQL, Java and tomcat based applications, etc.
* Configuration and setup of virtual and cloud development environments using **Vagrant /AWS/Azure**.
* Created & configured virtual machines on Azure cloud as per requirement.
* Migrated old jobs from **teamcity** to newly created **Jenkins** server.
* MacIn cloud VM backup using **Cloud berry tool**
* **Jira, confluence, Bitbucket** administration
* RnD **two factor** authentication for Bitbucket.
* Routine **security updates** on Linux & windows virtual machines.
* Created **nuget package manager** server.
* **Jira** & **Bitbucket** integration
* Design and extract various **reports** of Servers and Services.
* Prepared technical and non-technical **documents** for knowledge base.
* Implemented DevOps practice using **JENKINS, GIT and Puppet**.
* Extract various reports for interfaces from logs.
* Managed LAMP with **Ansible**.
* Managed the logs centrally with the help of **Graylog** server.
* Created munin as well as nagios **plugins** for monitoring.
* Administer and monitor the Applications configured on servers and fine tune or troubleshoot as per requirements from time to time.

**Environment**: Subversion, ANT, Maven, Jenkins, Puppet, Tomcat, Python, Ruby, Shell scripting, RHEL, Ubuntu, Solaris, AIX and Windows, Shell.

**Company: FranConnect India Software Pvt. Ltd (Hyderabad, India) Jan 2010 – Feb 2012**

**Role: DevOps / Infrastructure Engineer**

**Key Responsibilities:**

* Management of more than 500 Linux Servers with multiple websites in Heterogeneous environments for a Key Client (GE Digital).
* Configuration and Management of LAMP Tech Stack (Linux, Node JS, Apache, MySQL, Tomcat, and PHP).
* Configuration Management using Puppet & Chef Automation design using Jenkins CI & Chef.
* Database administration and management (MySQL).
* Scripting to automate the task using Shell.
* Deploy, support, and troubleshoot applications on Tomcat.
* Apply security in WordPress using ht access.
* Conduct sessions for new recruits.
* Basic knowledge of Shell scripting Apache rewrite rule.
* Monitor Production Server Health of different parameters (System Load, Physical Memory, Swap Memory, Hard disk, Apache requests, Mailq) via Icinga, Nagios.
* Server & application monitoring using Nagios, ICINGA, NewRelic, Splunk.

**Environment:** GIT, JENKINS, CHEF, MAVEN, AWS, EC2, WEBSPHERE, ANT, PUTTY, Kubernetes Java, J2ee, SOA.