**SAIKAKUNURI**

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**Professional Synopsis**

**8 years** of specialized experience in **Software Configuration Management (SCM)**, automation, Continuous Integration, building, deployment. Experienced in **Build/Release Management** and **AWS computing**.**AWS certified Solution Architect-Associate**.

* Worked on**Software Development Life Cycle (SDLC), Agile Methodologies, Waterfall methods, Project Management** and **Project Release.**
* Creating the project baselines, branching, merging and taking regular backups of the source in **Clear Case, Subversion (SVN), GIT** and **Perforce**.
* Adept in working and Administrating **UNIX** (Red Hat Linux), **Windows, AIX** and **Solaris.**
* Extensive exposure to Configuration Management policies and practices with regards to SDLC along with automation of scripting using **BASH/Shell** and **Perl** scripting.
* **Administrating** and **deploying** of applications on Apache Tomcat Webserver and Application Servers such as **WebSphere, WebLogic, JBoss, IIS,** etc.
* Worked on **AngularJS**.
* Experienced in creating unit-tested **Angular JS** components.
* Developed web API’s using **NodeJS**.
* Worked under **AWS** environment autonomously.
* Worked with optimization of server resources, **Amazon Elastic Compute Cloud instances** and **website security, Mule ESB (EAI)/Service Mix, Web services /REST, Amazon AWS, Chef** and **Puppet.**
* **Compilation** and **deployment** of **Shel** and **Perl** scripts, automation of builds and **PowerShell** for Windows deployment and Administration.
* Knowledge on**UCM Clear Case**, **Clear Quest** and experience with additional version control tools such as **SVN, Perforce, CVS** and **TFS** Insisted & migrated projects from Cruise Control to the **Jenkins CI tool** and **ANT.**
* Worked on **JIRA** Administration including user management, workflow & field **creation/modification, issue migration/import/export, plugin installation, Jira- Subversion (SVN), Jira-Git, Jira-Confluence integration.**
* Deployingthe code on **WebSphere Application** Servers for **Production, QA, and Development** environments using WSADMIN scripts and integrated then with Python and PHP scripts to enhance the functionality of the deployment process.
* Setting up of **Continuous Integration** and daily builds using **Bamboo** with **Artifactory** repository manager.
* Worked in DevOps group running Jenkins in a **Docker container** with EC2 slaves in Amazon AWS cloud configuration.
* Creating the build scripts using **Maven** for Java projects. Automating the **build process** by configuring **SVN** for projects.
* Experienced over build technologies like **Hudson, Jenkins, Ivy, Maven, Gradle, NuGet** etc.,
* Using **Apache Tomcat, WebLogic, WebSphere** and **JBOSS Application** servers for deploying multiple applications.
* Worked with Tracking Tools **JIRA, Remedy** and **IBM Rational Clear Quest.**
* Experienced in using **Apache Kafka**, **Apache Spark**and **Apache Zeppelin**.
* Worked on **Kafka** messaging system.
* Worked on ingesting from **Kafka** to **Spark**.
* Worked on different Big-Data Analytic tools like **HIVE, Scala** and **Spark**.
* Tracing **complex build problems, release issues** and **environment issues** in a multi-component environment.
* **Designing**, **deploying** and operating **highly available** and scalable systems using **AWS**.
* Granting security and configured user access and limits using **AWS** Identity and Access.
* Familiarity with relational databases such as **MY SQL, SQL Server** and **Oracle**.
* Strong **Troubleshooting, Debugging,** and **Analytical Skills.**
* Best practiceof tools and **Programming/scripting** skills.

**TECHNICAL SKILLS**

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| --- | --- |
| Operating Systems | Windows 98/XP/NT/2000/2003/2008/Vista/7, Linux, Unix |
| Source control tools | Subversion, Clear case, GIT and Perforce |
| Build Tools | MAVEN, ANT |
| CI Tools | Hudson, Jenkins, TFS,AntHill Pro |
| CM Tools | Chef, Puppet, Ansible, Docker |
| Repositories | Nexus, Arti-factory, GIT |
| Languages | JAVA, PYTHON, XML, HTML, Shell, PowerShell |
| Tracking Tools | JIRA, REMEDY, HP Quality Center, Mingle |
| Web Servers | APACHE TOMCAT, Web logic, JBOSS |
| Databases | ORACLE, SQL, MY SQL |

**EXPERIENCE**

**Financial Partners, Boston, MA May 2014 - Present**

**Sr. DevOps Developer**

**Responsibilities:**

* **Branching** and **merging** of the code base in **GIT.**
* Maintaining **build scripts** using **MAVEN** to perform builds efficiently.
* Deploy the code to **WebSphere Application**server at multiple occasions.
* Created the documents on **build process**, **build script maintenance**, **user-guide** for developers for local builds.
* Installed and Configured **Nexus** to manage the **Artifacts** in different **Repositories**.
* Used **Puppet** for performing activities from **provisioning** to **reporting**.
* **Automated** the **Buildand Releasemanagement** process including monitoring changes between releases.
* Carried out**Continuous Integration (CI)** using **Jenkins.**
* Created **repositories** using **GIT** according the structure required with **branches, tags** and **trunks**.
* Designed the project **workflows/pipelines** using **Jenkins** as **CI** tool for **CI** and **CD** process.
* Implementing a **Continuous Delivery** framework using **Jenkins**, **Chef**.
* Written **Recipes** and **Ruby** scripts to customize the **Chef** as per our environment.
* Maintaining **Infrastructure automation** using **CHEF.**
* Worked with **JIRA** for **issue tracking** and **monitoring**.
* Defining the**branching strategies** in **GIT** and implementation of best practices.
* Configuring plug-ins for **Integration tools** to **Version control** tools.
* Worked with the developers to configure **plug-ins** trough **Eclipse** to develop the code.
* Performed deployments to machines in **Amazon Virtual PrivateCloud (VPC)** .
* Worked on deploying and configuring of multitude application environment on AWS using main services such as **EC2, ELB, S3,Cloud-watch** and **VPC**.
* Operating the Cloud Watch in-order to monitor the resources like **EC2**, **CPU memory**, **Dynamo DB tables** and **EBS volumes**.
* Automated AWS resources like **EC2** instances, **security groups**, **ELB** and **IAM** through AWS cloud formation templates and used **Ansible** server to manage and configure nodes.
* Making **cloud watch alerts** for instances and using them for**Auto scaling** launch configurations and configuring **Route 53**.
* Using **Puppet** for configuration management of instances in **AWS**.
* Moving large amounts of data in and out of **AWS** using portable storage devices for transport in **AWS Import/Export**.
* Installed and implemented **Ansible** configuration system.
* Made usage of **Ansible** for managing web applications.
* Used **Ansible** for creating **subnets**, **security groups** and **route tables** for **VPC** creation and deploying **EC2** instances.
* Setup and configured **Microsoft TFS**.
* Designed and developed web applications using **Angular JS**.
* Run scripts in **PowerShell** to gather email account information after email information.
* Executed advanced **PowerShell** functions that are helpful for **enterprise application deployment**.
* Using**ApacheANT** tool to perform the builds, integrated **ANT** to Eclipse and performed local builds.
* Used **Scala** build tools with **Apache Spark**.
* Worked with **Spark context** and **Spark Streaming**.
* Connecting **Spark** to hive using **Spark-SQL**.
* Created data-warehouse for both in **Spark** and hive.
* Created **Spark** scripts using **Pyspark**.
* Developed **Spark** Programs for Batch and Real time processing.
* Integrating**ANT** with **Jenkins** for the **Builds** as the **Continuous Integration** process.
* Installed **Docker** and used **Docker Tool Box**.
* Created **Docker containers** and **Docker consoles** for managing the application life cycle.
* Created **Docker container images** and worked on **tagging**, **pushing** the images

**Limelight Health, Redding, CA Feb 2013 - Apr 2014**

**DevOps Engineer**

**Responsibilities:**

* Developed the tools for **Integration, automated testing** and **release management**.
* Managed**DevOps and InfrastructureTeam’s** supporting tools and infrastructure for 100+ developers on **3-5 concurrent releases.**
* Managed the implementation of the company’s first **repeatable, traceable, documented,** and **packaged** product ensuring quality upon delivery.
* Implemented the first release **tracking/reporting** and also creating maximum exposure into software releases.
* Managed the re-architecture of **Jenkins** and integration with **Confluence** for release management and documentation assets. Re architect a **Maven** based system reducing build times.
* **Implementation** and **Installation** controlling of server class hardware with migration company assets from desktops around the office.
* Regulated the**hardware request** and **support** from developers and infrastructure.
* Configured and manage **Apache** servers, **LINUX** servers and **Windows** virtual servers on **AWS EC2**.
* Configuring **Elastic Load Balancers (ELB)** with **EC2 Auto-Scaling groups**.
* Making **monitors, alarms** and **notifications**for **EC2** hosts with the help of **cloud watch**.
* Implemented **Mesosphere** log rotation for stdout and sterr of Docker containers.
* Monitoring the **health** and **utilization** of **AWS resources** using **AWS cloud watch**.
* Performing AWS Cloud administration managing **EC2 instances**, **S3**, **SES**, and **SNS** services.
* Creating Buckets in **AWS** and stored files.
* Used **WebSphere** and **WebLogic** as primary application servers.
* Managed of all CM tools (**JIRA, SVN, Maven, Jenkins, ANT, Git, GitHub, and Visual Studio**) and their usage / process ensuring **traceability, repeatability, quality,** and **support.**
* Developed **Node JS** application.
* Created applications using **Node JS**.
* Built responsive applications using **Node JS**.

**PayPal, San Jose, CA Dec 2011 - Jan 2013**

**Build &Release Engineer**

**Responsibilities:**

* Maintained the **UNIX/Perl/Ant scripts** for **Build&Release** tasks.
* Created new elements in **VOB’s**.
* Modifying the**ANT** scripts to **build** the **JAR’s**, **Class files**, **WAR files** and **EAR** files from **VOB’s**.
* Developing the utilities for developers to check the **checkouts**, **elements modified** based on **project** and **branch**.
* Provided the**Clear Caseconfiguration** record for **builds** by derived objects generated during **build audit** process.
* Creating and deleting **dynamic views** for **developers** as requested by **user**.
* Responsible for **building** and **releasing packages** for testing.
* Performing **clean builds** according to the schedule published for a given releases.
* Responsible for container creation and management for different applications on Docker engine through writing and editing Docker files.
* Processed Builds and deployments on various environments using **continuous integration tools**available in the market.
* Used**Build Forge** to perform the**troubleshooting** during **installation**.
* Provide the **technical support, re-engineering** and **administration** of an enterprise configuration Management system on daily basis that support**multiple development applications.**
* In-charge for creating **Libraries**, **projects** and **jobs** in Build forge for automating the **Build&Deploy** processes.
* Involved in User Management and Group Management in **Build Forge**.
* Verifiedthe methods used to create and recreate **software builds** are **reliable** and **repeatable**.
* Made a research on the overall**Project application architecture** to **support/resolve build, compile, and test issues/problems.**
* Released the code **to testing regions or staging** areas according to the schedule published.

**Focus Associates, Hyd, India June 2010 - Nov 2011**

**Build Deployment Engineer**

**Responsibilities:**

* **On-call deployments** of application codes to Production.
* Building and deploying **J2EE** applications in **Web Sphere**.
* Maintenance of **build systems**, **build scripts** and **source control systems**.
* **Designing** and **deploying** of **SCM** processes and procedures.
* **Building** and **Deployment** of **J2EE** to a web application server in an **Agile** environment.
* Managing the **source codes repository** using **SVN** version control.
* Editing the **ANT** files for **errors** or **changes** as per the **project requirement**.
* **Regular system inspection** on all environments.
* Resolving the conflicts during the **merge** in **Subversion**.
* Maintenance of **Shel** and **Perl** deployment scripts for **Web Sphere applications**.
* **Continuous Integration** using **Build Forge** for **Automation** of daily process.
* Using **ClearQuest** for receiving tickets.

**Command International, Hyd, India June 2009 – June 2010**

**LINUX Administrator**

**Responsibilities:**

* Provided the **LINUXSystem Administration** and **LINUX System Security**.
* Worked on **Project Management** and **Risk Management** in Information Systems
* Worked on build automation tools like **Maven, Ant**.
* Installation and maintenance of **UNUX, LINUX** and **Windows Application** Servers.
* Monitoring **System performance, Server Load** and **Bandwidth** issues.
* Managing backup process for **Server** and **Client Data**.
* Writing **Perl** and **Shell** scripts for **Data Mining** and **Data Integration**.
* Managing **Hosted Systems**.

**EDUCATION**

Bachelors in**Computer Science Engineering from JNT University, Hyderabad, India.**