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| Image result for aws architect and developer badgeImage result for architect and developer badge  **Izath Hen**  **Sr. DevOps & Cloud Engineer** |
| 🖂 izath771@gmail.com 🕿 770-312-6333 |

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| **Professional Summary** |

An ardent professional with an experience over **10+** years in IT arena, comprising of automating, configuring, deploying on cloud environment and data centers. Specialized in areas of DevOps, CI/CD pipeline, build and release management, AWS/Azure, and Linux/Windows Administration.

* Experience providing infrastructure automation services within **public and private cloud** to build, configure, manage, and deploy multiple number of applications in different platforms Linux/Unix, Mac and Windows operating system environments.
* Virtualized the servers using the Docker for the test environments and dev-environments needs. And, configuration automation using **Docker container**
* Involved heavily in setting up the CI/CD pipeline using **Jenkins, Maven, Nexus, SVN, GitHub, CHEF, Terraform and AWS**
* Experience in Installing, migrating, configuring and monitoring different services in different virtualized environments.
* Ability to manage SCM processes which include compiling, packaging, deploying and application configurations.
* Expertise in server infrastructure development and running web-scale services on Amazon Web Services (**AWS**), **Azure, Google Cloud Platform and OpenStack**.
* Proficient in strategy and practical implementation of AWS cloud-specific services which include **EC2**, **S3**, **EBS, EFS, VPC, ELB, EMR, ECS, IAM, Cloud Trail, Cloud Front,** **Cloud Formation**, **Elastic ache, Cloud Watch, RedShift**, **Lambda**, **SES, SQS, SNS, RDS, Dynamo DB** and managing security groups on AWS.
* Expertise in using different **PaaS** services like **Open Shift** and AWS **Elastic-Beanstalk(EBS)**.
* Experience with installation of **AWS** **CLI** (command line interface) to control various AWS services through **SHELL** scripting.
* Experience in using **Azure** infrastructure management and services like Azure Storage, **Azure AD** and knowledge on Azure AD bulk user, group and assigning users to SaaS applications.
* Ensured successful architecture and deployment of enterprise-grade PaaS solutions using **Pivotal Cloud Foundry** (PCF) as well as proper operation during initial application migration and set new development.
* Expertise in deep development/enhancement of **OpenStack** components [**Cinder**, **Swift**, **Image**, Horizon & Identity and Billing (**Ceilometer**)].
* In-depth knowledge of containerization services like **Docker**, **Docker Swarm**, **Kubernetes,** and **OpenShift**.
* Extensively worked with container-based deployments of **Micro-Services** using **Docker**.
* Handled large volumes of container clusters with **Docker swarm**, **kubernetes,** and **Mesos**.
* Expert in creating **Docker** files, **Docker** images & containers, **Docker** hub, installation and configuring **Kubernetes** and clustering them.
* Expertise in using **Kubernetes** to control and automate application deployments, update and instruct **Docker** to cluster on specified containers in different environments.
* Experience in designing, developing and deploying applications on to several cloud-based solutions using configuration management tools like **Chef**, **Puppet**, **Ansible**, and **SaltStack**.
* Hands on experience with bootstrapping instances with **Chef** and integrating with **Autoscaling** and creating, maintaining **Chef** Recipes and cookbooks to simplify and expedite deployment of applications.
* Experience in writing playbooks using **YAML** scripts on **Ansible** and used it for configuration management and orchestration of IT environments and used **Ansible** for deploying or updating the web application servers code data.
* Expertise in Designing and creating multiple deployment strategies for **CI** Pipelines using **Jenkins, TeamCity,** and **Bamboo**, shortened deployment cycles by automating the deployments.
* Created an automated application-testing framework for the CD pipeline leveraging **Robot** Framework integrated with **Jenkins** & **Selenium** that increased testing cycles.
* Expertise in using builds tools like **MAVEN** and **ANT** for the building of deployable artifacts such as war & jar from source code.
* Extensive experience in branching, tagging and maintaining the version across the environments using **SCM** tools like **GIT**, Subversion (**SVN**) and **TFS** on **Linux** and **Windows** platforms.
* Familiarity with **AWS** code pipeline and creating cloud formation JSON templates which are converted to **Terraform** forinfrastructure as code**.**
* Mastered in installing, configuring and managed monitoring tools like **Splunk**, **Nagios**, **Dynatrace, Datadog, App dynamics, ELK** for resource monitoring, **Grafana, Prometheus**.
* Supported deployments into DEV, QA, UAT, Pre-Prod & PROD environments with multiple application server technologies like **WebLogic**, **JBoss** & **Apache Tomcat**.
* Adept in Virtualization technologies **VMWare, Virtual box, Vagrant** for creating virtual machines and provisioning environments.
* **Experience with creating API, controlling access, maintaining, deploying API, monitoring, and troubleshooting.**
* Experience in production, development and testing environments carrying **MAC**, **Windows, Linux, Red Hat Linux, Centos,** and **Solaris** Operating systems.
* Experience in setting up and working with SCM tools such as Quick Build for cross platform environment (like MAC-PrO OS and MAC-IOS), Hudson, Maven and Ant.
* In-depth knowledge of computer applications and scriptings like **Shell, Python, Ruby, Perl, JavaScript,** and **YAML**.
* Sounds knowledge in using bug tracking and ticketing tools like **JIRA**, **Remedy**, **Bugzilla** and **IBM Clear Quest**.
* Expert in working with methodologies such as **SDLC, SCRUM, AGILE, KANBAN, Sprint planning,** and **Waterfall**.
* Great exposure to build object-oriented applications using **C**, **Java**, **XML** and proficient in writing build related scripts like **Shell**, **Perl**, **Ruby,** and **Python** on **Linux** to automate deployments.
* Knowledge of utilizing routed protocols like FTP, SFTP, SSH, HTTP, HTTPS and configuring and maintaining network services such as DNS, NIS, DHCP, NFS, Web, mail, FTP, TCP/IP.
* Good client relation skills and ability to complete tasks effectively and efficiently where customer service and technical skills are required and a very good team player.
* Provided 24x7 dedicated support for emergency site maintenance and immediate build and install requests, troubleshooting production issues and fix systems issues when necessary.

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| **Technical Skills:** |

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| Cloud Environment | Amazon Web Services, Microsoft Azure, Google Cloud Platform,  OpenStack |
| Containerization Tools | Docker, Docker Swarm, Kubernetes |
| Configuration Management | Chef, Ansible, Puppet, SaltStack |
| Continuous Integration | Jenkins, Bamboo, Hudson, TeamCity |
| Build tools | Maven, Ant, Gradle, Gulp |
| Version Control | Git, Bitbucket, TFVC, TFS, Subversion |
| Monitoring tools | Nagios, Splunk, ELK Stack, Sumo Logic, Datadog, Grafana, New Relic,  Dynatrace, Grafana, Prometheus |
| Ticketing tools | Jira, Scrum, Bugzilla, ServiceNow, Pivotal Tracker, Redmine |
| Web servers | Apache Tomcat, Nginx, Web Sphere, JBoss |
| Virtualization tools | VMWare, VirtualBox, Hyper-V, Vagrant |
| Operating Systems | RedHat, CentOS, Ubuntu, Debian, Windows, Mac OS & IOS |
| Repository management tools | Nexus, JFrog Artifactory |
| Testing tools | Selenium, JUnit, Cucumber |
| Programming & Scripting Languages | HTML, JavaScript, Python, Bash, Shell, Ruby, Perl, XML, PowerShell |
| Databases | SQL Server, MongoDB, Cassandra DB, Oracle, MySQL, PostgreSQL |
| Networking | HTTP, HTTPS, TCP/IP, UDP, DNS, FTP, SSH, SNMP, SFTP |
| Development Environments | Packer, Vagrant, VirtualBox |

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| **Certifications:** |

* [AWS Certified Solutions Architect – Associate](https://drive.google.com/file/d/10NajHbY9A6Ej6XzHcX2vH8xYYdxthzUX/view?usp=sharing)
* [AWS Certified Developer – Associate](https://drive.google.com/file/d/17mJq1XC-7V2VcFsYnT-yrlUqIduHdVeS/view?usp=sharing)

**Professional Experience:**

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| **Sr. DevOps & Cloud Engineer**  **Fidelis Care, – Buffalo - NY Jan’2017 - Present** |

**Key Deliverables:**

* As DevOps Engineer, I am responsible for design, build, monitor, and enhance services and production environment.
* Implemented **S3** versioning and lifecycle policies, backup files and archive files in Glacier
* Responsible for design and maintenance of the Git repositories, views, and the access control strategies and Managed **Git repositories** for branching, merging, and tagging.
* Worked in using **Dockers Swarm** and deployed spring boot applications.
* Docker container deploying microservices, and scaling the deployment using **Kubernetes**.
* Used **Jenkins** and pipelines which helped us drive all microservice builds out to the **Docker** registry and then deployed to **Kubernetes**.
* Developed CI/CD system with **Jenkins** on **Kubernetes** container environment, utilizing **Kubernetes** and **Docker** for the CI/CD system to build, test and deploy.
* Worked with **OpenShift** platform in managing **Docker** containers and **Kubernetes** Clusters.
* Virtualized the servers using the Docker for the test environments and dev-environments needs. And, configuration automation using **Docker container**.
* Used **Jenkins** for automating Builds and Automating Deployments.
* Built end to end **CI/CD** pipelines in Jenkinsto retrieve code, compile applications, perform tests and push build artifacts to **Nexus**.
* Documented process documents for Jenkins to build **CI/CD Pipeline** and Code deployment guide for Developers, Testers and Production Management.
* Management and design of integrated build pipelines using continuous integration and continuous development workflows such as **Jira, Git, Maven, Jenkins and Chef**.
* Worked on using Chef Attributes, Chef Templates, Chef Recipes, Chef Files for managing the configurations across various nodes
* Worked on **Ansible Playbooks** and Ansible Tower to automate repetitive tasks, to deploy critical applications quickly, and proactively manage the changes.
* Managed **AWS EC2** instances utilizing Auto Scaling, Elastic Load Balancing and Glacier for our QA and UAT environments as well as infrastructure servers for GIT and Ansible.
* Managed a PaaS for deployments using **Docker**, **Ansible,** and **Mesos**, which reduced considerably deployment risks.
* Used **Kubernetes** to deploy scale, load balance, scale and manage Docker containers with multiple names spaced versions.
* Created **Ansible** playbooks with python SSH as the wrapper to manage configurations of AWS nodes.
* Worked with **Ansible Tower** to manage multiple nodes and manage inventory for different environments and developed python modules for Ansible customizations.
* Installed, configured and managed the **RDBMS** and **NoSQL**
* Used **Nagios** as a monitoring tool to identify and resolve infrastructure problems before they affect critical processes and worked on Nagios Event handlers in case of automatic restart of failed applications and services.
* Worked on setting up **AWS VPC**, launching **AWS EC2** instances in different kinds of private and public subnets based on the requirements.
* Setting up the **CloudWatch** alerts and alarms for **EC2** instances state changes and using in auto-scaling for providing elasticity.
* Automated the backing up of the data by use of the shell script which creates images and snapshots of all EC2 instances at regular intervals and stored in **S3** buckets.
* Designed and deployed AWS solutions using **EC2, S3, RDS, EBS**, Elastic Load Balancer(**ELB**), Auto-scaling groups, **Opsworks**.
* Implemented data warehouse solutions in **AWS** **Redshift**, worked on various projects to migrate data from the database to **AWS** **Redshift**, **RDS** and used **S3** to store the backups.
* Deployed applications on AWS by using **Elastic Beanstalk**.
* Provisioned the highly available **EC2** Instances using **Terraform** and cloud formation and wrote new plug-ins to support new functionality in **Terraform**.
* Adopted **Terraform** to spin up the servers in AWS as per environment requirement.
* Created and managed **IAM** users & groups, defining roles and policies and Identity providers and used them to restrict access to certain buckets.
* Used **HashiCorp** Packer to create and manage the AWS AMI's.
* Used **Java** fundamentals like parallel streams and filters through **lambda** expressions to handle search.
* Worked on **Blue/green** deployment strategy by using **CloudFormation** templates & **Route53** **weighted** record sets to redirect traffic from the old environment to the new environment via DNS.
* Migrated an on-premises virtual machine to **Azure** Resource Manager (**ARM**) Subscription.
* Deployed **Azure** **IaaS** virtual machines and cloud services (**PaaS** role instances) into secure VNets and subnets.
* Deployed **ASP.NET** web Application in **Azure** using **Web App** service, connected it to **Azure** **SQL** Database and used **VSTS** to provide **CI/CD** **pipeline**.
* Worked with **Hybrid** cloud configurations, patterns, and practices in windows **Azure**and **SQL Azure** and in **Azure web** and **database deployments.**
* Created **Docker** **images** and handling multiple images primarily for middleware installations and domain configurations.
* Used **Ansible** to deploy **ELK** for automating continuous deployment (CD) and configured slave nodes and deployment failure reporting.
* Used **Docker** to virtualize the servers for the test environments and development environment needs and, configuring automation using docker containers.
* tools like **MongoDB and** **DynamoDB.**
* Involved in all phases of the software development life cycle (**SDLC**) using **Agile** Methodology.
* Configured and maintained **Jenkins** to implement the **CI process** and integrated the tool with **Ant and Maven** to schedule the builds.
* Used **Maven** as a dependency management tool to manage all the dependencies that are required.
* Designed **GIT** branching strategies, merging per the needs of release frequency by implementing GIT workflow on Atlassian **Bitbucket**.
* Managed user access control, Triggers, workflows, hooks, security and repository control in **Bitbucket**.
* Created Instances in **Apache Web Server** and **JBoss** application server in QA and Production environments.
* Worked with administrators to ensure **Splunk** is actively and accurately running and monitoring on the current infrastructure implementation.
* Supported and deployed to web application servers such as **WebLogic, JBoss, and Nginx** servers.
* Used **JIRA** for all our projects in scrum methodology for creating stories and giving points to the stories, and updated stories as per our sprints.

**Environments**: AWS, Azure, Docker, Kubernetes, Mesos, OpenShift, Chef, Ansible, Jenkins, Bitbucket, Ant, Maven, RDBMS, NoSQL, Azure SQL DB, ELK, Splunk, shell scripting, python, HashiCorp packer, Nginx, WebLogic, Nagios, JBoss, JIRA, Nexus.

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| **Sr. DevOps & AWS Engineer**  **Citco Financials Ltd. NY Jan’2016 – Dec’2016** |

**Key Deliverables:**

* Responsible for Internal Linux server Infrastructure, Installations, Builds, Configuration, Monitoring and troubleshooting.
* Built and Deployed Java to a web application server in an Agile continuous integration environment and automated the whole process.
* Working in AWS cloud environment migrations, installations, and backup maintenance.
* Implemented AWS solutions using **E2C, S3, RDS, EBS, Elastic Load Balancer, Auto-scaling groups and created these services in the Cloud Formation**.
* Install, Configure, and monitor Web Application servers (Apache tomcat).
* Experience in working with GIT to store the code and integrated it to Ansible Tower to deploy the playbooks.
* Deployed the EAR and WAR archives into **WebLogic and Apache Servers**.
* Developed and maintained Perl/Shell scripts for build and release tasks.
* Deployed the build artifacts into environments like QA, UAT and production according to the build life cycle.
* Written Terraform templates, **Chef Cookbooks, Recipes** and pushed them onto Chef server for configuring EC2 Instances.
* Written Templates for **AWS** **IaaC** using **Terraform** to build staging and production environments.
* Configured an AWS Virtual Private Cloud (**VPC**) and Database Subnet Group for isolation of resources within the Amazon **RDS** **Aurora** DB cluster.
* Used **CloudFront** to deliver content from **AWS** edge locations to users, allowing for further reduction of load on front-end servers.
* Used **Docker** to Showcase the build microservices to modularize design and isolate the development of containers.
* Configuring **'Nginx'** for proxying, API calls to micro-services in **Docker** containers.
* Migrated existing application from monolithic to microservice architect. Build Spring Boot application and use **Docker Swarm** as container orchestration tool to manage service.
* Developed procedures to unify streamline and automate applications development and deployment procedures with Linux container technology using **Docker swarm**.
* Built AWS machine images (**AMI**) using **Packer** and **Ansible** to facilitate automation of entire environment.
* Create automated provisioning of AWS instances using **Ansible** to establish idempotency with all our deployed Production instances.
* Implemented **Ansible** Playbooks using **YAML** script for various Linux roles like **Nginx**, **Redis** & common Linux services like apt, yum, syslog.
* Managed **Chef** Cookbooks to automate system operations. Worked on Managing the Private Cloud Environment using **Chef**.
* Automated the cloud management and deployments using **chef**, **python** and AWS **CloudFormation** Templates.
* Troubleshoot the build issue during the **Jenkins** build process.
* Created **CI/CD pipelines** and set up the auto trigger, auto build and auto deployment with the help of the CI/CD tool like Jenkins.
* Customized **Jenkins** by using **Packer**, **Terraform**, **Python**, **Docker,** and **Ansible** to create Team Level Pipeline environments across multiple **AWS** accounts.
* Created Slaves to implement the build farm where multiple builds run on multiple slave machines in **Jenkins**.
* Developed build and deployment scripts using **ANT** and **MAVEN** as build tools in **Jenkins** to move from one environment to other environments.
* Used **Maven** as build tool on Java projects for the development of build artifacts on the source code.
* Created **Ant** and **Maven** POMs to automate the build process for the new projects and integrated them with third-party tools like **SonarQube**, **Nexus**.
* Performed Branching, Tagging, Release Activities on Version Control Tools: **GIT**.
* Configured **GIT** with **Jenkins** and schedule jobs using Poll SCM option. Analyzed and resolved conflicts related to merging of source code for **GIT**.
* Installed and administered **nexus** repository and created roles and privileges to restrict access to the users.
* Responsible for performance monitoring of the API's using **Grafana** for log monitoring, Dynatrace for web request, response time and CPU percentage.
* Created Dashboards and alerts using **Grafana** and **AppDynamics** to monitor logs, Server metrics like heap size, memory, CPU utilization.
* Implemented a centralized logging system using Logstash configured as an **ELK** stack (**Elasticsearch**, **Logstash**, and **Kibana**).
* Querying and reporting from **Elastic Search**/**Kibana**, **Grafana,** and **MySQL**.
* Worked on **JIRA** installation and upgrade and Performed **JIRA** configuration.
* Attended daily stand up meetings, bug-scrub meetings, Sprint planning meetings and Weekly release health check-up meetings as best practices of an agile environment.

**Environments**: RHEL, AWS, Docker, Docker Swarm, Ansible, Chef, Jenkins, Ant, Maven, Git, YAML, Python, Grafana /AppDynamics, WebSphere/WebLogic, Nginx, Kibana, Nexus, GitHub.

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| **Sr. DevOps Engineer**  **Louisville water company– Louisville - KY Jan’2014 – Dec’2015** |

**Key Deliverables:**

* Build out server automation with Continuous Integration – Continuous Deployment tools like **Jenkins/Maven** for deployment and build management system.
* Analyzed the **ANT** build projects for conversion and converting to Maven build projects.
* Implemented AWS solutions using **EC2, S3, RDS, EBS, and Elastic Load Balancer, Auto-scaling groups, Optimized volumes and EC2 instances.**
* Configuration tool Installed and configured such as Chef Server / workstation and nodes via CLI tools to **AWS nodes**.
* Leverage AWS cloud services such as **EC2, auto-scaling and VPC** to build secure highly scalable and flexible systems that handled expected and unexpected load bursts.
* Integrated GIT into Jenkins to automate the code checkout the process.
* Installed and configured Jenkins for Automating Deployments and providing automation solution.
* Involved in **DevOps** **migration/automation** processes for build and deploy systems.
* Build out server automation with Continuous Integration – Continuous Deployment tools like **Jenkins/Maven** for deployment and build management system.
* Utilized Configuration Management Tool Chef & created **Chef Cookbooks** using recipes to automate system operations.
* Responsible for day to day Build and deployments in pre-production and production environments.
* Used **Git** for Developers helping to resolve all **Build** issues like merge conflicts, compilation errors, missing dependencies, Branching/Merging/Tagging.
* Implemented & Maintained the Branching and Build/Release strategies utilizing **GIT** source code management.
* Created Post Commit and pre-push hooks using Python in **SVN** and **GIT** repos.
* Designed and implemented scalable, secure cloud architecture based on Amazon Web Services(**AWS**).
* A firm grasp on Cloud Security, leveraging **Linux** and **Windows** operating systems using the **AWS** console and **CLI**.
* Used **Amazon RDS** to manage, create snapshots, and automate the backup of the database.
* Responsible for automated Scheduled Builds/Emergency Builds and Release using **Maven** for an Enterprise application (**J2EE**).
* Maintained build related scripts developed in the **shell** for **Maven** builds. Created and modified build configuration files including **POM.xml.**
* Managed **Maven** project dependencies by creating parent-child relationships between Projects.
* Configured and monitored distributed and multi-platform servers using **chef**.
* Installed and maintained **Chef** on the different environment like Linux distribution, windows (agents), Mac.
* Designing and implementing **CI** system: configuring **Jenkins** **servers**, **Jenkins** **nodes**, and **Hudson**.
* Responsible for User Management, Administration, Group Management, Slave Management, new job setup in **Jenkins**.
* Build **Java** code on to different **Jenkins** servers as per the schedule and Integrated **Jenkins** with **Bugzilla**, **GitHub**.
* Used **Perl**/**Shell** scripting for building and deploying **java** application to target environments.
* Evaluated **Docker** container technology to replace some virtual environments.
* Virtualized the servers using the **Docker** for the test environments and dev-environment needs.
* Maintained user account across the network using **Chef** Work with **Docker** for convenient environment setup of the test environments.
* Managing virtual machines using **VM ware**, **Oracle Virtual box**, **Docker**.
* Created and maintained the **Power Shell scripts** and **Perl scripts** deployment scripts for Tomcat application servers.
* Built and Deployed **Java/J2EE** to a web application server in a **Kanban** continuous integration environment and automated the whole process.
* Production support of **Apache** and **JBoss** including installation, configuration, management, and troubleshooting.
* Installed and configured **JFrog** Artifactory repository, published snapshot and release versioned artifacts into Artifactory.
* Responsibility to perform the Security Scans, defect tracking, defect reporting and defect reproducing using **SonarQube, Bugzilla,** and **JMeter.**

**Environments**: AWS, Docker, GIT, SVN, Jenkins, Hudson, Maven, Chef, Shell, Pearl, Java, Apache, JBoss, JFrog, SonarQube, Bugzilla, JMeter, Auto-scaling, VPC.

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| **DevOps Engineer**  **JSW Steel Limited, Bangalore - India Aug’2012 - Dec’2013** |

**Key Deliverables:**

* Migration of the Java Source Code from Apache Subversion (SVN) to **GIT HUB**, and the migration from GIT Hub to **BIT Bucket**.
* Developed build and deployment scripts using **ANT and MAVEN** as build tools in Jenkins to move from one environment to other environments.
* Developed GIT hooks for the local repository, code commit and remote repository, code push functionality
* Build a **CI/CD pipeline** using Jenkins to automate the process using the **python and Bash script.**
* **Migrating the data** to respective DEV and QA Oracle database before doing code roll-out.
* Work with product development to resolve build-related issues in all projects.
* Responsible for the building and deploying the artifacts into **DEV, SIT and QA** Environments.
* Gathered all the stakeholder approvals, necessary signoffs while acting as a release manager for two development teams.
* Monitor the UAT/Production Environments for any down time issues by performing regular Cronjob updates in servers.
* Used **MySQL, Dynamo DB** and ElastiCache to perform basic database administration build.
* Managed the artifacts generated by **Maven and Gradle** in the **Nexus repository**
* Used Subversion as version Control for maintaining the versions.
* Used Apache Tomcat as application server for **deploying the artifacts**.
* Maintained build related scripts developed in the **shell** for **Maven** builds. Created and modified build configuration files including **POM.xml.**
* Designed and implemented scalable, secure cloud architecture based on Amazon Web Services(**AWS**).
* A firm grasp on Cloud Security, leveraging **Linux** and **Windows** operating systems using the **AWS** console and **CLI**.
* Managed **Maven** project dependencies by creating parent-child relationships between Projects.
* Configured and monitored distributed and multi-platform servers using **chef**.
* Installed and maintained **Chef** on the different environment like Linux distribution, windows (agents), Mac.
* Designing and implementing **CI** system: configuring **Jenkins** **servers**, **Jenkins** **nodes**, and **Hudson**.
* Responsible for User Management, Administration, Group Management, Slave Management, new job setup in **Jenkins**.
* Managed & performed environment related configuration changes as a part of deployment.
* Generated Perl scripts for build activities in QA, Staging and Production environments.
* Used tracking tool JIRA and triaged the issues and maintained bugs using JIRA tool.

**Environments:** RedHat Enterprise Linux, CentOS, Ubuntu, GIT Hub, BIT Bucket, ANT, Maven, Jenkins, Jira, Shell, YAML, Ruby, Perl, Subversion, Python, Bash, JBOSS, MySQL, Dynamo DB, ElastiCache.

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| **Build and Release Engineer**  **Jsoft solutions Pvt Ltd, Bangalore - India Jun’2010 - July’2012** |

**Key Deliverables:**

* Responsible for versioning the source code, releasing binary files, creating and applying labels on source files and release files.
* Efficient in tracing complex build problems, release issues and environment issues in a multi component environment.
* Analyze and resolve compilation and deployment errors related to **code development, branching, merging and building of source code.**
* Creating the **AWS Security** groups to enable firewall
* Created and updated **Puppet manifests** and modules, files, and packages stored in the **GIT repository**
* Test cloud level deployments in AWS (Amazon Web Services) for future cloud deployments.
* Managed **Linux staging and testing environments** and also automated application packaging and deployments
* Configured and managed **Nagios for monitoring** over existing AWS Cloud platform.
* Build Nagios monitors for new services being deployed.
* Supported **Puppet master server** and around 500+ Clients by installing agents and managed multiple modules
* Defined instances in code, next to relevant configuration on what running and then created the instances via Puppet.
* Involved in editing the existing **ANT/MAVEN** files in case of errors or changes in the project requirements.
* Connected continuous integration system with GIT version control repository and continually build as the check-in’s come from the developer
* **Integrate GIT into Jenkins** to automate the code check-out process.
* Responsible for User Management, Plugin Management and End-to-End automation of Build and Deployment process using Jenkins.
* Experience with Build Management tools like **Maven for writing build.xml and Pom.xml**
* Managed the Maven Repository using Nexus tool and used the same to share the snapshots and releases of internal projects.
* Worked with Oracle Database Admin to keep all the specified tables as assigned by developments in sync for every release.
* Used Oracle to connect to various databases and to check for the invalid objects after and before each release.
* Build and maintain SQL scripts and execute different scripts for different environments.
* Created Instances in **Apache Webserver and JBOSS** Application server in QA and Production environments.
* Documented the **SCM** process and policies of the company and recommended some process changes.
* Worked with scrum and development team in overseeing bug tracking, test prioritization, test automation and releases.
* Maintain and enhance current build procedures for all software development projects.

**Environments**: Jenkins, Maven, GIT, Puppet, SQL Scripts, Python, Nexus, Oracle 10g, Apache, JBOSS Application Server, Cloud computing

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| **Linux Administrator**  **Netwing Technologies, Bangalore- India Feb’2008 - May’2010** |

**Key Deliverables:**

* Installation, Configuration & Upgrade of Redhat Linux operating system.
* Prepare specs for new infrastructure and **VMware servers, disk storage, and network switches, routers, firewalls, and VPN's.**
* Administered Linux servers for several functions including managing Apache/Tomcat server, mail server, and **MySQL databases** in both development and production.
* Installed Redhat Linux using Kickstart and applied security patches for hardening the server based on the company's policies.
* Created users, manage user Administered, maintained Red Hat 3.0, 4.0, 5.0, 6.0 AS, ES, Troubleshooting Hardware, Operating System Application & Network problems and performance issues; Deployed latest patches for, Linux and Application servers, performed Red Hat Linux kernel Tuning
* Experience in implementing and configuring network services such as HTTP, DHCP, and TFTP.
* Install and configure DHCP, DNS (BIND, MS), web (Apache, IIS), mail (SMTP, IMAP, POP3), and file servers on Linux servers.
* Create file transfer server for customer data exchange.
* Automate network permissions, maintain User & File System quota on Redhat Linux.
* Bash shell-scripts to automate routine activities.
* **Migrated database** applications from Windows 2000 Server to Linux server.
* Installing and setting up Oracle9i on Linux for the development team.
* Capacity Planning, Infrastructure design and ordering systems.
* Successfully installed and configured NAGIOS monitoring system to monitor the production server environment.
* Attended team meetings, change control meetings to update installation progress, and for upcoming changes in environment.
* Design, build, and maintain production servers and RAID storage system.
* Diagnosed hardware and software problems and provided solution to them.
* **Environments**: Red Hat Linux 3.0,4.0,5.0 AS ES, HP-DL585, Oracle 9i/10g, VMware, Tomcat 3.x,4.x,5.x, Apache Server 1.x,2.x, shell scripting

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| **Education:** |

* Master’s degree in Computer Science, United States

* **Relocation**: Yes, and Anywhere in the USA