Pavan kumar

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**Career Objective:**

Having 3+ years of experience as DevOps Engineer in IT infrastructure. Seeking a technical position of fully utilizing strong customer service attitude, exceptional organizational ability and technical skills.

**Professional Summary**:

* 3+ years of IT experience as a AWS and DevOps Engineer in automating, building deploying and releasing of fully code from Dev to UAT environment.
* Good understanding of the principles and best practices of **Software Configuration Management (SCM)** in **Agile, Scrum and waterfall methodologies.**
* Experience with **CI (Continuous Integration) and CD (Continuous Delivery) methodologies using Jenkins, Docker and Kubernetes** in an Agile Environment.
* Experience in using **Nexus** and Artifactory repository managers from **maven builds**.
* Expertise in AWS Cloud Administration which includes services :**EC2,S3,EBS,VPC,ELB,Route 53,Auto Scaling, RDS,Security Groups, Cloud Watch, AMI and Terraform.**
* Experience in Administration/Maintenance of source code repositories management systems, such as **GIT, GitHub, Git Lab, Bit Bucket** and other command line applications.
* Experience with container-based deployments using **Docker**, working with **Docker** images, **Docker File**, **Docker Hub** and **Docker** registries-**DTR.**
* Expertise on using **AWS Command Line Interface (CLI).**
* Good Experience in with **Kubernetes** to provide a platform for automating deployment, scaling, and operations of application containers across clusters of hosts and managed containerized applications using its nodes, config maps, and services.
* Extensively worked in **Ansible** for **continuous integration** and for End to End automation for all build and **deployments with Jenkins.**
* Experience in development and configuration experience with software provisioning tools like **Ansible.**
* Experienced in **Cloud automation** using **AWS** with **Terraform.**
* Involved in writing **Python** and Shell scripts for compilation and deployment process.
* Expertise with Code analysis in **SonarQube.**
* Experience in building through **Jenkin**s and saving the files in **Artifact repository.**
* Experience in writing **YAML scripts** to automate the process in **Ansible** and **Kubernetes.**
* Documented Minutes of Meetings, Build reports, Release Notes and many other day-to-day documentation and Status Reports.
* Expertise in building of deployment artifacts such as **Jar, war & ear** from source code using and **Maven.**
* Improved throughput and efficiency of build system by providing EO/managers rights to trigger required build.
* Strong understanding of infrastructure automation tooling using **Docker and Ansible.**
* Strong experience in working in **Linux** and **Windows** environments.

Experience in migrating source code repositories from between various version control systems like **SVN to Git.**

* Experienced in project analysis, gathering user requirements, technical design and training customers.
* Highly organized, detailed oriented, able to plan, prioritize work and meet deadlines work well under tight deadlines.
* Ability to work directly with all levels of Management to gather user requirements.
* Excellent communication, interpersonal and managerial skills.

**Technical Skills:**

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| --- | --- |
| Build Tools | **Maven,Gradle** |
| Languages/DevOps Tools | **Bash, Python, Jenkins, Docker, Ansible, AWS, Nagios, and Kubernetes.** |
| Databases | **MySQL.** |
| Web/App Server | **Apache Httpd, Ngnix, Tomcat, WebSphere.** |
| Ticketing Tools | **JIRA.** |
| Version Control Tools | **Subversion, Git, GitHub** |
| Operating Systems | **RHEL/CentOS, Ubuntu/Debian/Fedora, Windows Server** |

**Work Experience:**

**Currently working in AGON IT SOLUTIONS PRIVATE LIMITED from January 2019 – Till Date.**

**Professional Experience:**

**Client: Trinets, USA June 2020 – Till Date**

Role: AWS and DevOps Engineer

**Responsibilities:**

* Responsible for defining branching & merging strategy, checking policies, improving code quality, automated Gated Check-ins, defining backup and archival plans.
* Coordinated with resources by working closely with Release Manager's for the release. .
* Working for **DevOps** Platform team responsible for specialization areas related to **Ansible** for **Cloud Automation.**
* Worked on **AWS** for deploying **EC2** instances containing various platforms such as **RHEL, CentOS, Ubuntu** in Linux and windows.
* Involved in designing and deploying multiple applications using **AWS** cloud infrastructure focusing on high availability, fault tolerance and auto-scaling of the instances.
* Leveraged Amazon Web Services like **EC2, RDS, EBS, ELB, Auto scaling, AMI, IAM through AWS console.**
* Created **S3buckets** and managed policies for **S3buckets**, utilized **S3bucket** for storage and backup on **AWS.**
* Creating **Cloud watch** alerts for instances and using them in Auto scaling launch configurations.
* Implemented and maintained the monitoring and alerting of production and corporate Servers/storage using **AWS Cloud watch.**
* Deploy **Ansible** and **Jenkins** to completely provision and manage **AWS EC2 instances, volumes, DNS, and S3.**
* Used **Jenkins** to automate most of the build related tasks.
* Set up CI (Continuous Integration) for major releases in **Jenkins**.
* Wrote **Maven** Scripts to automate the build process.
* Automation of daily tasks using **Shell scripting and python scripts.**
* Deployed the static content to apache web servers and applications to Tomcat Application server.
* Involved in creating and working through **Docker images**, containers and **Docker Consoles** for managing Application Life cycle.
* Utilized **Kubernetes and Docker** for the runtime environment of the CI/CD system to build, test and deploy.
* Used **Jira** as a Change Management/ Work Management/Scrum **Agile** Tool.
* Build, configured and support Application team environments.
* Established processes and tools to maintain code base integrity, including check-in validation rules and branch/merge processes.

**Environment**: DevOps, Git, Maven, AWS, Ansible, Jenkin, Docker, kubernetes, Tomcat, Shell, Nexus, Jira, Windows and Linux.

**Project #1:**

**Clients :** Birla soft

**Role : DevOps Engineer**

**Duration :** January2019 – May2020

**Responsibilities:**   
Release Engineer for a team that involved different development teams and multiple simultaneous software releases.

* Designed and managed build and release methodologies.
* Deployed code to DEV, QA and UAT Environments.
* Responsible for design and maintenance of the **Git** Repositories and the access control strategies.
* Managed Git repositories for **branching, merging** and **tagging.**
* Established processes and tools to maintain code base integrity, including check-in validation rules and branch/merge processes.
* Installed and Configured **Jenkins** for Continuous Integration.
* Responsible for the Plugin Management, User Management, and END-END build and deploy setup using Jenkins.
* Used **Jenkins& Ansible** to perform automated CI Builds and Deployments.
* Used **Maven** as a build tools on java projects for the development of build artifacts on the source code.
* Worked as a system administrator for the build and deployments process on the enterprise server.
* Worked closely with the development team and SQA team for product releases.
* Implemented Configuration Management, Change Management policies and procedures.
* Build configured and support Application team environments.
* Deployed the applications to **Tomcat Application Server** and static content to **apache web servers**.
* Used **Jira** as ticketing tool.
* Integrated **Jira** and **Git** to do the pre-commit checks using hook scripts.
* Used **Shell** and **Python** Scripts for automating the daily tasks.

**Environment**: DevOps, Git, Maven, Ansible, Jenkin, Tomcat, Shell, Nexus, Jira, Python, Windows and Linux.

**Declaration:**

I hereby declare at the above information is true to the best of my knowledge.

**Pavankumar**