**DASPRAKASH V** **Email:** das4cs@gmail.com

**AWS/DevOps Engineer**  **Mobile No:** +91 91762 93560

**PROFILE SUMMARY:**

* DevOps/Build Engineer offering over 3 years' experience solving complex problems with creative solutions supporting development and operations environments in AWS.
* Hands on applying Continuous Integration, Continuous Deployment and Continuous Delivery.
* Knowledge in Installing, configuring &amp; administering Jenkins on Linux machines along with adding/updating plug-ins like GIT, Maven, Ansible, Sonar, Deploy to Container, Build Pipeline etc.
* Experience as a Build and Release Engineer in automating, building, deploying, and releasing code from one environment to another environment.
* Experience in Application Deployments & Environment configuration using Ansible.
* Extensive experience using MAVEN as a Build Tool for the building of deployable artifacts (war & ear) from source code.
* Extensively worked on Jenkins, Docker for continuous integration and for End to End automation for all build and deployments.
* Expert in deploying the code through web application servers like Web Logic/Apache Tomcat/ JBOSS.
* Have knowledge of configuring repositories like Artifactory and Nexus.
* Experience in using bug tracking systems like JIRA.
* In-depth understanding of the principles and best practices of Software Configuration Management (SCM)
* Strong knowledge on source controller concepts like Branches, Merges, and Tags.
* Worked with Engineers, QA, and other teams to ensure automated test efforts are tightly integrated with the build system and in fixing the error while doing the deployment and building.
* Expertise in troubleshooting the problems generated while building, deploying and in production.
* Utilized Jenkins, Nexus, Git/GitHub/SVN in day-to-day activities.
* Experience in supporting 24x7 production computing environments.
* Ability to learn new Technologies and tools quickly.

**TECHNICAL SKILLS:**

| **Cloud** | Amazon Web Services AWS (EC2, S3, VPC, IAM, ELB, Auto scaling, Route53, Cloud Watch, SNS) |
| --- | --- |
| **Operating System** | Linux |
| **Configuration Management** | Ansible |
| **Scripting** | Shell |
| **Continuous Integration** | Jenkins |
| **Source Control** | Git, GitHub |
| **Build Tools** | Maven |
| **Container Technology** | Docker |
| **Container Orchestration** | Kubernetes |
| **Monitoring tools** | Grafana, Prometheus |
| **Artifactory repositories** | Nexus, Jfrog |

**WORK EXPERIENCE:**

**Project details:**

ROLE : AWS/DevOps Engineer

Company:TCS – Bangalore

Duration : Feb 2021 to Present

**Roles & Responsibilities:**

* Managing the Git flow, branching and merging.
* Participate in Agile methodologies with the team to achieve business goals in a timely manner.
* Understand tool chains, build environment and delivery of firmware builds for the firmware development teams.
* Evaluation and automation of build process and implementation of appropriate tools for build and

release activities.

* Understanding the build flow for sprint platforms, debugging the build failures and supporting the developers releases on time.
* Configuring the Builds for the sprint teams in Jenkins.
* Creating new build jobs, Plug-ins installation, setting up slaves in Jenkins and managing the build

related issues.

* Used AWS S3 service as Artifact repository to store Build Artifacts.
* Troubleshooting tickets related to jobs and builds in Jenkins through Jira.
* Developing build and deployment pipelines using Jenkins for Java applications.
* Writing the Docker files for building the images.
* Containerizing applications with Docker.
* Creating resources like deployment, service, and configmap in Kubernetes.
* Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and
* Configuring launched instances with respect to specific applications.
* Working on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs,
* Auto scaling to design cost effective and highly available systems.

**Project details:**

ROLE : Build and Release Engineer

Company:TCS – Bangalore

Duration : November 2018 to January 2021

**Roles & Responsibilities:**

* Managing the SCM tools like Git for branching, tagging and version management.
* Using Github repository to run Jenkins job for CI.
* Support the engineering teams regarding CI/CD Build tools, Environments and Automation.
* Automation of the compilation, continuous integration, testing, packaging, and distribution of

software

* Troubleshoot and resolve issues related to application deployment and operations.
* Associating with Build &amp; Release team to setup Jenkins server &amp; nodes for distributing the Jenkins jobs.
* Responsible for maintaining Jenkins master and slave nodes.
* Installing and updating the Jenkins plug-ins to achieve CI/CD.
* Using the Nexus to manage the artifacts in different Repositories.
* Deploying the build artifacts into environments like Dev, QA and UAT as per the build life cycle

using Ansible.

* Managing the working environments through configuration management tool Ansible.
* Manage the web applications, Environment configuration files, Users, Mounts points and Packages using Ansible.
* Configured Elastic Load balancer (ELB) including high availability of ELB using various subnets

in various availability zones, configured security settings and health check for application.

* Configured Apache on EC2 instances to make sure application that was created is up and running

troubleshoots issues to meet the desired application state.

* Created customized AMIs based on already existing AWS EC2 instances by using create image,

functionality, hence using this snapshot for disaster recovery.

* Created AWS Launch configurations based on customized AMI and used this launch configuration to configure auto scaling groups.

**Project details:**

Role : Network Engineer

Company : NORTH EAST DATTA PVT LTD EJ

Duration : July 2016 to November 2018

**Roles & Responsibilities:**

* Rolling out new software.
* Maintaining disk images for new installs.
* Testing networks for weaknesses or potential sites of compromise.
* Involved in client side data binding using Services.
* Monitoring and maintaining computer infrastructure, on-site servers
* Network integrity and resilience.
* Interactions between the software and the network.

**EDUCATION DETAILS:**

* BE from Anna university Chennai(2016).

**DECLARATION:**

I vouch for the authenticity of the above-furnished information.

Place:

Date: (**DASPRAKASH**)