SURESH P   **Ph: +91-7200567936**
DevOps Engineer   **psuresh1099@gmail.com**

Career Objective:

Be the key person in creative environment to utilize and refine my personal skills and abilities in the Modern Technology that offers Professional growth while being resourceful, innovative and challengeable.

Professional Summary:

- Working in **PYNUX SOFT SOLUTIONS** as **DevOps Engineer**.
- Having total experience of 2 Years in **AWS & DevOps technologies**.

Responsibilities:

- In **GitHub**, creating branches and tags, maintaining GIT Repositories, Handling Releases, keeping track of every release files and Branching activities.
- Creating and handling multiple builds for developer team and performing deployment activities in **Jenkins**.
- Creating Infrastructure as a code using terraform automating the resource creation in aws console.
- Verifying Deployment logs for successful deployments and continuously checking it if the build fails using monitoring tools.
- Providing day to day application support based on ticketing system and mail requests.
- Involved in the release process and deploying applications (WAR) to the Tomcat.
- Responsible for taking the source code from GitHub and compiling the code using **Maven** tool to pack it in a distributable format such as a **JAR/WAR/EAR** and deploying it in **Tomcat** app server.
- Handling all high level tasks like Requirement gathering, Architecture discussion, Planning, Installation, Configuration and Tuning of Web Sphere Application Server.
- Depending upon the Client Environment requirement, Understanding, Administrating & providing solutions using AWS services, CI/CD, Git, Ansible and Docker tools etc.
- Creating the CI-CD automation using tools like Jenkins, GitHUb, MAVEN, sonarqube and ansible.
- Deployed application packages on to docker containers. Coordinated with software development teams and QA teams for smoother execution of the processes. Backups of **Jenkins** jobs will be taken periodically to restore in case of any issues with Jenkins server.
- Have hands on experience on **SPLUNK, PROMETHEUS** & **GRAFANA** and configuring alerts.
- Using Docker created multiple images and doing the deployment using Kubernetes.
- Writing Playbooks using Ansible tool for configuration and deployment automation.

Technical Skills:

- **Operating System** : Linux, Ubuntu, Windows Server 2008/2012
- **Configuration Management Tools** : Ansible, Terraform, Cloud Formation
- **Containerization** : Docker, Kubernetes
- **CI/CD** : Jenkins
- **Source Code Management** : Git
- **Build tools** : Maven
- **Deployment Tools/ Servers** : Apache
- **Database** : MySQL, SQL Server 2012
- **No SQL** : Dynamo DB (AWS)
- **Public Cloud** : Amazon Web Services
- **Repository Tools** : Nexus Artifactory, Docker Hub, Git
- **Code Quality tool** : Sonarqube
- **Scripting** : Shell Scripting
- **Security tools** : IAM, ACM
- **Monitoring/Logging tools** : Splunk, Prometheus, Cloud Watch

Work Experience:

> **Project 1: Client – T E G N A**

Responsibilities:

- Create and maintain full automated CI/CD pipelines for Code deployment.
- Manage and configure **AWS services** as per the business needs (**ELB, Route53, S3, Cloud watch, IAM, VPC**)
- Experienced in creating complex **IAM policies**, Roles and user management for access within **AWS.**
- Actively manage, improve, and monitor cloud infrastructure on AWS, **EC2** including backups, patches and scaling.
- Used **Ansible** for Configuration Management and having good knowledge of writing Playbooks.
- Automated build and deployment using **Jenkins** to reduce human error and speed up production processes.
- Managed **GitHub** repositories and permissions, including branching and tagging.
- Containerizing applications with **Docker**. Responsible for managing the **Docker** private registry and having good knowledge of maintaining containers using **Docker** swarm.
- Setup/Managing **VPC**, **Subnets**, make connection between different zones blocking suspicious ip /subnet via ACL.
- Setup/Managing CDN on **Amazon Cloud Front** to improve site performance.
- Creating/ Managing AMI/ Snapshots/ Volumes, Upgrade/ downgrade AWS resources (CPU, Memory, EBS).
- Created volumes and attach volumes on to **EC2** instances.
- Utilized **Cloud Watch** to monitor resources such as EC2, CPU memory, EBS volumes to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.
- Attaching or Detaching EBS volume to AWS EC2 instance.

➢ **Project 2: Client - HCA Healthcare**

Responsibilities:

- Linux/Windows/Ubuntu servers on Amazon EC2 & monitor thru SNS & Amazon Cloud Watch.
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS). Setup/Manage Databases on **Amazon RDS**
- Used **Ansible** to do configuration and to automate deployments
- Worked on creating **Kubernetes** cluster from end to end.
- Manage and configure AWS services as per the business needs (ELB, Route53, S3, Cloud Watch, IAM, VPC) in Global infrastructure.
- Handling L1 and L2 level issues, involved in the client calls, done several deployments, resolving the tickets to ensure system availability as per multiple Service Level Agreements (SLA).
- Worked on **Pod Creation** and managing Containers
- Implemented continuous delivery pipeline involving Jenkins, **Ansible** to complete the automation from commit to deployment
- Assisted developers with establishing and applying appropriate **branching**, labeling convection's using GIT source control
- Implemented and supported CI process via **Jenkins**
- Administrated and Implemented CI tools Jenkins for automated builds and also integrating Unit tests and Code Quality Analysis Tools like **Sonar Qube.**
- Hands on working experience on **Web Server (Apache), Application Servers (Tomcat), DB Server (MySQL)**
- Documented the entire installation process for various tools and provided on-call support.

Education Qualification:

- B.Tech (MECH) from Sree Sastha Institute of Engg. & Tech.
- 12th Avichi higher secondary school
- 10th Avichi higher secondary school

Personnel Information:

- **Date Of Birth**   : 10-06-1999
- **Father's Name**   : Pattabi P
- **Nationality**   : Indian
- **Marital Status**   : Unmarried
- **Languages Known**   : English, Tamil

I hereby declare that the above mentioned details are correct & true to the best of my Knowledge.

Place: Chennai   **SURESH P**