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**Summary**

Shruti is a bright, talented, and self-motivated person having **Eleven Years** of experience in DevOps tools and methodologies. She has hands-on experience of working with DevOps tools such as Cloud Formation, Terraform, Git, Jenkins, Gitlab CI, Jira, Confluence, Bitbucket, Docker, Ansible and extensively on AWS services. She has worked on provisioning the CI/CD pipelines using GitLab and Jenkins for deploying the infrastructure as a code on the AWS Infrastructure management using CloudFormation.

Mainly Performing AWS automation day-to-day administrator activities.

**Education & Certification**

* Bachelor of Technology (B. Tech - CSE) (UPTU, AICTE Approved) 2008-2012
* ΧΙΙ (SSC) - 2006-2007 (UP Board)
* X (HSC) - 2004-2005 (UP Board)

**Skill sets**

* Operating System : CentOS 7, RHEL 7, Windows
* Automation: Unix shell Scripting, Ansible, Terraform, AWS CloudFormation
* Version Control: Git, SVN, Gitlab, Github, Bitbucket, Azure Repo
* Build Tool : Maven, NodeJs
* CI/CD Tool: Jenkins, Azure DevOps, Gitlab CI
* Code Coverage : Sonarqube, PMD
* Artifact Management : Artifactory, Docker hub
* Containerization : Docker, Docker Registry, Kubernetes
* Cloud: AWS, Azure (Azure Monitoring, Azure webservice)
* Collaboration: Atlassian Jira Cloud, Confluence Cloud, SharePoint
* Webserver : Apache Httpd, Tomcat
* Database : PGSQL, Aurora
* Windows Tools: MS office, MS Excel, Outlook, PowerPoint

**Achievements**

* Nominated for the Cheer Board of Q3’21 and Q2’18 at Nagarro
* Recognized for Act to Win execution in Q1’20 at Ericsson
* Token of **appreciation** for special efforts and Outstanding Performer in Q3’16 at Guavus
* Recognized as **Star Performer** in Q2’ 14and Q3’ 15 at Amdocs
* **“Reward and Recognition”** and **“Outstanding team player”** from for dedicated work
* Got **“Client Appreciation”** for the quality works and enhancement ideas in Q3’15 received

**Key Competencies**

* Domain knowledge of managing both **Prod/Non-Prod** Linux environments, taking care of application deployment and IT infrastructure support
* Proven **multitasking skills** and ability to work efficiently on multiple projects within deadlines.
* Working with **cross functional**, geographically distributed team to provide **24\*7** deployment support across multiple environments.

**Professional Experience**

**Nagarro Softwares Private Limited** (Dec 2017 – Present)

Designation: Staff Engineer

Project Name: DevOps - Automotive Digital – Financial Services (July’ 22 – Present)

Client: Client is a leading India’s giant Automotive Car manufacturer

Overview: Project involved scratch setup and own customer’s cloud environment (AWS)

Technologies: AWS Cloud Formation, AWS Cloud Front, AWS Lambda, AWS CodeBuild

**Responsibilities:**

* Owning customer IT infrastructure on AWS cloud (Provisioning, managing and CI/CD)
* Implemented serverless framework using AWS Lambda, API Gateway, RDS Aurora V2, Cognito, CloudFront, CodeBuild. Provision Infrastructure (IaC) using Terraform and CloudFormation.
* Creating and managing CI/CD pipelines; Supporting the Development team with any changes.
* User Training, Mentoring and process documentation. Supporting regular day to day project tickets within SRE team.
* Co-ordinate with projects and clients to discuss the automation requirements and provide feasible solution.
* Setting up EC2 instances and prerequisites on the instances for deploying the applications
* Health check reporting automation.
* Managing Amazon Web Services (AWS) based Cloud Computing Services EC2, VPC, S3, Route 53, ELB, CloudFront etc.
* Worked directly with Amazon Web Service architects to help reproduce and resolve customer issues.
* Created CI/CD pipeline using CodeCommit to integrate, test and deploy the Java application.
* Using EKS (a managed Kubernetes service) on AWS to deploy, manage and auto scale the application using docker as an orchestration tool.
* Using terraform an infrastructure as code tool to create, update, and version the Java application running on EKS.

Project Name: DevOps - Salesforce retail (March’ 21 – June’ 22)

Client: Client is a leading Global Business Conglomerate in Financial Services

Overview: Project involved setup and support Salesforce DevOps Environment

Technologies: ELK, RHEL7, PostgreSQL, Jira, Jenkins, Maven, Sonarqube, Docker, Azure DevOps

**Responsibilities:**

* Expertise in managing and deploying Salesforce code using Jenkins CI/CD pipeline.
* Creating and managing Azure DevOps pipeline
* Extensively worked on ELK stack - Installing, configuring, and integrating ELK stack.
* Prepare Kibana dashboard and create Elasticsearch template.
* Monitor and index in ELK and write GROK pattern.
* Provide a high level of documentation, according to company standard trends.
* Have exposure to requirement gatherings, analysis, development, sanity tests, CI/CD
* Close **collaboration** with customer, understanding requirements and ideas.
* Maintain **team coordination** with different levels of teams in the DevOps model.

Project Name: Reporting solution (July’ 20 – March’ 21)

Client : Client is a leading telecom company

Overview: Project involved report creation for upstream and downstream network endpoints

Technologies: RHEL7, Jboss EAP 7, EDB postgreSQL, Jira, Ansible, Gitlab, Maven, Sonarqube, GitlabCI

**Responsibilities:**

* Configured GitlabCI jobs to invoke **Ansible playbook** for deployment on clustered environment.
* Operating system hardening
* Configuring and troubleshooting CI/CD jobs on **Gitlab CI**, the errors reported by stake holder in various project teams.
* Involved in the **automation** of the regular tasks.
* Provide high level of **documentation**, according to company standard trends.
* Maintain System High Availability, Scalability and Reliability from end-user feedback and provide Dev, UAT, Production support.
* Support **DevOps** Environment and maintain its stability so that Development team can quickly and reliably test their new code.
* Collaborate and **consultation** with stakeholders and other teams for smooth and successful completion of all DevOps activities.
* Investigating Root Cause for the Problem Record raised for server application/configuration,

and defining the possible feasible solution for the problem

* **Mentoring** the junior team member in team

Project Name: Unified smart metering solution (Jan’ 19 – July’ 20)

Client: Client is a leading telecom company

Overview: Project involved supporting regular project work for smart metering

Technologies: RHEL7, Tomcat 9, EDB, Jira, Ansible, Gitlab, Maven, Sonarqube, GitlabCI

**Responsibilities:**

* Infrastructure setup and database clustering - EDB
* Troubleshooting **GitlabCI** jobs, the errors reported by stake holder in various project teams.
* **Monitored** the system performance and maintenance.
* **Mentoring** the Development team members

Project Name : Global Site Reliability Engineering (SRE) (Dec’ 17 – Dec’ 18)

Client : Supporting multiple clients within Nagarro

Overview: Project involved supporting regular project within SRE

Technologies: Tomcat, Docker, Kubernetes, Grafana, Prometheus, Git, Jenkins, Bitbucket, Maven

**Responsibilities:**

* Did independently **Jira production upgrade**, keeping the integrity of Nagarro wide toolchains.
* Implemented black box monitoring solution using **Prometheus** and **docker compose.**
* Did container monitoring using **CAdvisor** and **Grafana** and lightly worked on **Kubernetes** cluster
* Migrated client solution from existing **Jira Cloud** solution to new proposed jira cloud.
* **Troubleshooting Jenkins** **job**, the errors reported by stake holder in various project teams.
* Managing inhouse tools, doing backend system setup with different team, IT, and project teams
* Check and correct problems in **NSA** that are not immediately evident in existing systems.

**Guavus Network Systems** (July 2016 – Nov 2017)

**Designation:** Global Delivery and Support Engineer

**Project:** URL Categorization

**Responsibilities:**

* Worked on configuration of UAT/Prod and ST/development environments, communicating via **salesforce tickets** while working with Vendors like Oracle
* Worked on **Spark SQL** and gained extensive knowledge on **Hadoop cluster monitoring.**
* Created **Virtual machines** and enabled **system monitoring**, verifying availability of all hardware, server resources, systems and key processes, reviewing application logs, and verifying jobs.
* Creating staging environment and testing the new updates or patches
* Configured Git to inform all the teams about the latest changes happening on it to avoid conflicts due to the push before pull issue.
* Creating repositories & branches in existing repositories as per the requirement of dev team
* Support DevOps Environment and maintain its stability so that Development team can quickly and reliably test their new code.
* Perform daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems, and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups.
* Supporting on-going testing issues on non-production environments and documenting, the issues which has already happened which in turn helps other team members.

**Amdocs Development Centre India Pvt. ltd.** (July 2012 – June 2016)

**Designation:** Technology Integration Engineer

**Project:** Context Manager Mediation

**Responsibilities:**

* Work on critical and medium **production issues** and provided fixes while supporting testing.
* Install EFs, upgrade environments, interacting with users and developers to prioritize user functionality issues and deliver services within **site engineering** methodologies.
* Automated and monitor **deployment procedure** and troubleshoot the failures.
* Maintained **Weblogic Application Server** 9.x/10.x on different UNIX platforms and have setup.
* Installed necessary plug-ins needed for automation in Jenkins.
* Setting up and maintaining monitoring & alert systems for servers
* Work on environment build out from scratch to production level, configuring functional, development, end-to-end performance lab environments and support activities related to CR.
* Creating repositories & branches in existing repositories as per the requirement of dev team
* Installing production and DR instance for Version Control Systems, build and deployment tools.
* Upgradation of tools to new versions as and when required.
* Conduct Technical knowledge sessions to entire team on new improved process established along with tools exposure.