M. Shravani   **Mobile:** +91 7799575630
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Professional Summary:

A dedicated and detail-oriented individual looking to work in an organization that can provide a variety of opportunities that allow me to expand my skills and knowledge while working towards achieving the organizational goals.

- Version control and source code management using the GIT.
- Creating new jobs in Jenkins and managing the build related issues.
- Configure Docker files to build the Docker images and push to Registry.
- Perform Deployments to Multiple environments like DEV, QA, and UAT environment.
- Involved in creating Manifest file Pods, Service, Replication, Deployment
- Ability to collaborate with project teams as well as work independently
- Effectively manage day-to-day tasks / activities in coordination with Team
- Worked with development and testing teams to establish a build schedule, execute the builds and troubleshoot build failures, if any.
- Utilized SonarQube for rigorous code analysis, identifying vulnerabilities and enhancing overall code quality.
- Worked on Jenkins by installing, configuring and maintaining for the purpose of Continuous integration (CI) and for End-to-End automation for all build and deployments.
- Configured Jenkins with git source code control management tool with webhook configuration and monitored the continuous builds for continuous deployment.

Technical Skills:

- **Version Control**: GIT
- **Continuous Integration**: Jenkins
- **Containerization**: Docker, Kubernetes
- **Cloud Platforms**: AWS
- **Configuration Management**: Ansible
- **Build Tools**: Maven
- **Code Analysis**: SonarQube
- **Artifact Repository**: Nexus
- **Web Servers**: Nginx
- **Infrastructure as Code (IaC)**: Terraform
- **Monitoring and Visualization**: Prometheus, Grafana
- **Database**: Postgres, MySQL

Internship:

Digital Lync   **Sep 2023** to **Mar 2024**

Project: Learning Management System (LMS)
Description:
Learning Management System (LMS) is a software application used to deliver, manage, and track educational content. It could include features such as course content delivery, assessments, discussion forums, progress tracking, and more.

Tools & Environment: GIT, Docker, Jenkins, Ansible, AWS, Maven, SonarQube, Nexus, Nginx web server, Kubernetes, Terraform

Roles and Responsibilities:

- Launching Amazon EC2 Cloud Instances using **Amazon Web Services** and configuring launched instances with respect to specific applications
- Created the VPC's, configured the subnets, attached the gateway and routing tables to the subnets and deployed the **EC2 instances** in the subnets created
- Experienced in creating **IAM policies**, Roles and user management for access within AWS
- Used GitHub repository to run **Jenkins** job for Continuous Integration
- Working experience with containerization tools like **Docker** and **Kubernetes**
- Create build and deployment on non - production environment
- Configured Docker private registry to maintain **Docker** images for future usage.
- Involved in creating **Kubernetes Clusters**, worker nodes and creating Kubernetes manifest files like replica sets, deployments and managing Containers and Pods.
- Involved in deploying the code onto web application servers like **Nginx**
- Managed Server configurations, Package installations and management of files through **Ansible Playbooks** or with Ad-Hoc commands depending on task
- Experienced with **Infrastructure as Code (IaC) Terraform**, launch Instance create VPC with subnet, Internet gateway, route table and security group
- Contributed to the optimization of system performance by analysing **Prometheus** metrics and implementing improvements based on **Grafana** visualizations
- Handling builds and deployment process for Java based applications and supported Dev team with troubleshooting build failures
- Worked with development to establish a build schedule, execute the builds and troubleshoot build failures, if any.

Education:

B. Tech (Computer Science and Engineering) from Srinivasa Ramanujan Institute of Technology (JNTUA) graduated.