**A UPENDRA**

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## Professional Summary:

* **AWS-DevOps Engineer -** With 4 years of experience in Build, Deployment, Environment Support, Configuration, Release Management and Cloud Technologies.
* Proficient in leveraging a wide range of DevOps tools including **AWS, Docker, Jenkins, Maven, Git, Linux, Terraform, Ansible, SonarQube, and Nexus.**
* Experienced in designing, implementing, and optimizing CI/CD pipelines to automate software delivery processes, ensuring efficiency and reliability.
* Skilled in containerization technologies like **Docker** for packaging applications and orchestrating them efficiently using platforms like **Kubernetes**.
* Adept at managing cloud infrastructures on AWS, utilizing services like **EC2, S3**, and **RDS**, while adhering to Infrastructure as Code (**IaC**) principles with **Terraform**.
* Proficient in version control systems like **Git** for managing codebase effectively and facilitating collaboration among team members.
* Experienced in configuration management using **Ansible** to automate provisioning, deployment and configuration tasks across diverse environments.
* Competent in setting up and maintaining CI processes with **Jenkins**, ensuring continuous integration of code changes and automated testing.
* Proficient in utilizing **SonarQube** for monitoring and ensuring code quality, while also implementing security measures to safeguard applications.
* Skilled in managing artifact repositories with tools like **Nexus**, ensuring efficient storage and retrieval of build artifacts.

## EDUCATION:

* + **BSC Computer Science – SV university (2020)**

## TECHNICAL SKILLS:

Operating Systems : **Windows, Linux**

Version Control Tools **: GIT and GitHub**

CI/CD Tools **: Jenkins**

Containerization Tool **: Docker and Kubernetes**

Infrastructure **: Terraform**

# Project Experience:

Project Title: **KOHO deal**

Environment: **AWS, Jenkins, Docker, Kubernetes, Terraform, Git, Ansible, Agile, Shell.**

Designation: **DevOps Engineer**

# Roles and Responsibilities:

* + As an **AWS** Cloud **DevOps** Engineer, I am responsible for taking care of day to day build and release activities. These activities include build issues, deployment issues for multiple releases like maintenance release, enhancement release, bug fixes.
  + Skilled in **troubleshooting** infrastructure issues across cloud platforms such as **AWS**, and on-premises environments, resolving issues related to networking, security, or resource provisioning.
  + Developed **Ansible** Playbooks for automating routine system administration tasks.
  + Integrated **Agile** practices with **CI**/**CD** pipelines, automating build, test, and deployment processes to accelerate software.
  + Proficient in diagnosing and resolving issues with **Jenkins** pipelines, including configuration errors, plugin conflicts, and connectivity problems.
  + Experience in **setting** up **CI/CD** pipeline integrating various tools with Jenkins to build and run **Terraform** jobs to create infrastructure in AWS.
  + Managed configurations of multiple servers using **Ansible.** Automated various infrastructure activities like Continuous Deployment, application server setup using **Ansible playbooks**.
  + Responsible for maintaining **GIT** Repositories, and access control strategies.
  + Co-ordinated and assisted developers with establishing and applying appropriate branching, labeling/naming conventions using **Git** source control.
  + Having good knowledge on **Docker** and **Kubernetes** containerized tools.
  + Installed, monitored and configured applications in **Nginx** and **Apache Tomcat Server.**
  + Proficiency in diagnosing and resolving issues within **Kubernetes** clusters, including networking, storage, and application level problems.