RAVI YADAV

DEVOPS ENGINEER

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ABOUT ME

Driven by a passion for digital tranformation and DevOps principles, I excel in optimizing software delivery processes for enhanced efficiency. I specialize in crafting resilient CI/CD pipelines, automating infrastructure provisioning, and refining deployment workflows to expedite the time to market while ensuring reliability and scalability.

WORK EXPERIENCE

07/2021 - Present   Nagarro

Senior Engineer

- Automated Infrastructure Management: Developed and maintained Infrastructure as Code (IaC) using tools such as Terraform , Terragrunt, Boto3 and AWS CDK to automate the provisioning and management of cloud infrastructure.

- Implemented CI/CD Pipelines: Built, deployed, and managed Continuous Integration/Continuous Deployment (CI/CD) pipelines with Jenkins, streamlining the software delivery process.

- Deployed Containerized Applications: Implemented Docker-based containerization and orchestrated Kubernetes clusters to ensure scalable and efficient application deployments.

- Automated Configuration Management: Utilized Ansible to automate configuration changes across multiple servers, ensuring consistent environments for development and production.

- Enhanced Security and Compliance: Implemented automated security measures like patch management and secrets management, and enforced firewalls and security groups to ensure compliance with industry security standards.

- Managed Cloud Infrastructure: Optimized and managed cloud environments to maintain high availability, scalability, and cost efficiency of critical services.

- Collaborated Across Teams: Worked closely with development, operations, and QA teams to improve the software development lifecycle, resulting in faster and more reliable deployments.

05/2021 - 07/2021   MPS Ltd.

Associate Engineer

- Assisted in Software Development Life Cycle (SDLC): Gained experience in supporting various phases of the SDLC, including requirement gathering, development, testing, and deployment.

- Contributed to Requirement Analysis: Participated in reviewing and understanding project requirements, helping to ensure operational feasibility and alignment with technical specifications.

- Supported the Creation of Technical Specifications: Assisted in producing detailed documentation and specifications under the guidance of senior engineers to ensure clarity and direction for project development.

- Involved in Verification and Quality Assurance: Collaborated with the team to develop and execute verification plans and quality assurance procedures, contributing to the successful integration of functional software systems.

- Participated in Software Testing: Actively contributed to software testing processes, helping to identify and troubleshoot issues, improving overall software reliability.

- Assisted in Software Validation: Helped perform validation processes to ensure software functionality meets business requirements and specifications.

- Worked on Delivering Software Solutions: Contributed to delivering software solutions by supporting the development process and aligning with business needs under the supervision of senior team members.

TECH STACK

Terraform

AWS

Docker

Ansible

Jenkins

SOFT SKILLS

Leadership   Project Management   DevOps   Public Speaking   Communication   Critical thinking

PROJECTS

■ **CI/CD**
This project automates the software delivery pipeline, improving deployment frequency, reducing time to market, and ensuring high-quality releases.

■ **Terraform/Terragrunt**
This project utilizes Terraform and Terragrunt to efficiently manage AWS infrastructure, promoting IaC best practices for scalability and maintainability.

■ **Network Design**
This project designs a scalable, high-availability network infrastructure, supporting CI/CD processes to improve reliability, performance, and system resilience.

EDUCATION

Bachelor of Engineering
University of Delhi - Netaji Subhas Institute of Technology
08/2017 - 05/2021

CERTIFICATIONS

DevOps Foundation

AWS Essentials

Getting Started With Kubernetes

LANGUAGES

English

Hindi