

RAVI YADAV

DEVOPS ENGINEER

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ABOUT ME

Driven by a passion for digital transformation 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

July/2021 - Present Nagarro

Senior Engineer

- Automated Infrastructure Management:** Developed and maintained Infrastructure as Code (IaC) using Terraform, Terragrunt, AWS CDK, and Boto3 to automate cloud provisioning and management.
- CI/CD Pipeline Implementation:** Built and managed CI/CD pipelines using Jenkins, streamlining the software delivery process for faster deployments.
- Containerized Application Deployment:** Deployed Docker-based applications and orchestrated Kubernetes clusters for scalable and efficient application delivery.
- Automated Configuration Management:** Automated server configuration and environment consistency across development and production using Ansible.
- Security and Compliance Automation:** Implemented automated security measures, including patch management, secrets management, and firewall enforcement, ensuring compliance with security standards.
- Cloud Infrastructure Optimization:** Managed cloud environments to ensure high availability, scalability, and cost efficiency, improving service reliability.
- Collaborated Across Teams:** Worked closely with development, operations, and QA teams to improve the software development lifecycle, resulting in faster and more reliable deployments.

May/2021 - July/2021 MPS Ltd.

Associate Engineer

- Support in SDLC and Requirement Analysis:** Assisted in various phases of the Software Development Life Cycle (SDLC), including requirement gathering, development, testing, and deployment, ensuring operational feasibility and alignment with technical specifications.
- Technical Documentation and Specifications:** Contributed to creating technical specifications and documentation, collaborating with senior engineers to provide clear direction for project development.
- Quality Assurance and Software Testing:** Participated in software testing, validation, and quality assurance processes, helping to troubleshoot issues and ensure software meets business requirements.

TECH STACK

Terraform

AWS

Docker

Ansible

Jenkins

PROJECTS

Build-a-Byte

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

GroundControl

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

NetCraft

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
Aug/2017 - May/2021

CERTIFICATIONS

DevOps Foundation

AWS Essentials

Getting Started With Kubernetes

LANGUAGES

English

Hindi