RAVI YADAV

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OBJECTIVE

With over three years of DevOps experience, I am passionate about digital transformation and specialize in optimizing software delivery through **CI/CD pipelines**, **automating infrastructure**, and **refining workflows**. I emphasize collaboration to meet organizational goals with scalable and reliable solutions, continuously aligning efforts with team objectives for operational excellence.

EDUCATION

Bachelor of Engineering, University of Delhi   2017 - 2021
Relevant Coursework: Control Systems, Instrumentation and Measurement, Data Structures and Algorithms

SKILLS

Programming Languages	Python, Shell, TypeScript, Go
Tools and Technologies	AWS, Jenkins, Docker, Kubernetes, Ansible, Git, Terraform, Boto3
Operating Systems	Linux/Unix

EXPERIENCE

Senior Engineer   July 2021 - Present
Nagarro   *Gurugram, IN*

- **Automated Infrastructure Management:** Developed Infrastructure as Code using Terraform, and AWS CDK, automating provisioning and management of scalable cloud infrastructure.
- **CI/CD Pipeline Optimization:** Built and managed CI/CD pipelines with Jenkins, significantly improving software delivery speed and efficiency.
- **Containerization and Orchestration**: Deployed Docker containers and orchestrated Kubernetes clusters to ensure efficient, scalable application deployments.
- **Security and Compliance Automation:** Implemented automated security measures, including patch management and secrets management, ensuring compliance with industry standards.

Associate Engineer   May 2021 - July 2021
MPS Ltd.   *Noida, IN*

- **SDLC Support:** Assisted in various phases of the SDLC, including development, testing, and deployment, improving overall process efficiency.
- **Requirement Analysis:** Supported requirement analysis and contributed to creating detailed technical specifications, ensuring clear project direction.
- **Software Testing and Validation:** Participated in testing and validation processes, improving software reliability and alignment with business needs.

PROJECTS

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

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

ACHIEVEMENT

- Received a Cheerboard nomination and Engineering Excellence Award at Nagarro for outstanding contributions and commitment, recognized for fostering collaboration and delivering high-quality results in DevOps initiatives.