

Jayesh Patil

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Profile

DevOps Engineer with 3 years of experience in automating and optimizing cloud infrastructure and CI/CD pipelines for high-performance, scalable systems. Proficient in AWS, Azure, Docker, Kubernetes, Terraform, and Ansible. Skilled in CI/CD implementation, infrastructure automation, and monitoring using Prometheus, Grafana, and ELK stack. Strong scripting expertise in Python and Bash for automation. Adept at fostering collaboration between development and operations in agile environments to enhance system reliability and efficiency.

Technical Skills

Scripting Language — Python, Bash/Shell scripting, JavaScript, C/C++, SQL

Framework & Tools — Puppet, Terraform, Github, Jenkins, GitLab CI/CD, Travis CI, CircleCI, AWS Cloud Formation, Azure, DevOps, SaltStack, Vagrant, Maven, Gradle, JUnit, JIRA, Confluence

Application Servers and Tools — Apache Tomcat, SonarQube, Httpd, WebSphere Application, WebLogic

Others — Amazon Web Services (AWS), Microsoft Azure, JIRA, Ansible, Nagios, Maven, Docker, Kubernetes, Docker Swarm, Nexus, ELK, Grafana, Prometheus, OpenShift, Azure DevOps

Operating Systems — Linux, Windows, MacOS, Ubuntu, RedHat, CentOS, Terminals

Professional Experiences

DevOps Engineer, Infograins

08/2024 – Present | Remote, USA

- Implemented Continuous Integration and Continuous Deployment (CI/CD) pipeline using Jenkins and Git to automate the build, test, and deployment processes, resulting in a 40% reduction in release cycle time.
- Utilized Docker for containerization of microservices, enabling consistent environments across development, testing, and production, which improved deployment reliability and scalability.
- Integrated Kubernetes for orchestration and management of containerized applications, enhancing resource utilization by 30% and ensuring high availability and fault tolerance.
- Implemented Infrastructure as Code (IaC) using Terraform to provision and manage cloud resources on AWS, streamlining infrastructure deployment and minimizing manual configuration errors.
- Monitored and optimized application performance and infrastructure health using Prometheus and Grafana, leading to a 25% improvement in system uptime and responsiveness.

DevOps Engineer, Alliant Infotech

08/2021 – 12/2022 | Indore, India

- Designed highly available and scalable AWS infrastructure using Terraform and CloudFormation, reducing deployment time by 40% and ensuring zero-downtime deployments.
- Developed and maintained CI/CD pipelines with Jenkins, GitHub Actions, and AWS CodePipeline, accelerating software delivery cycles by 60% and improving deployment efficiency.
- Optimized containerized applications using Docker and Kubernetes, enhancing system reliability and reducing cloud costs by 30% through efficient resource utilization.
- Monitored and improved system performance by configuring AWS CloudWatch, Prometheus, and ELK Stack, reducing incident response time by 50% through proactive alerting and log analysis.
- Automated infrastructure provisioning and configuration management using Ansible and AWS Systems Manager, cutting down manual operations by 70% and ensuring compliance with security policies.
- Strengthened cloud security by implementing IAM policies, AWS GuardDuty, and Security Hub, reducing security vulnerabilities and improving compliance with ISO 27001 and SOC 2 standards.

DevOps Engineer, Boxxell Animation

08/2020 – 07/2021 | Indore, India

- Developed a robust CI/CD pipeline using Jenkins and GitHub Actions, automating build, test, and deployment processes to reduce deployment time by 50% and enhance code quality.
- Configured and managed cloud infrastructure on AWS, utilizing services such as EC2, S3, and RDS for scalable application deployment and data storage, ensuring high availability and reliability.
- Leveraged Docker to containerize applications, improving deployment consistency across environments and facilitating easy rollbacks in production, leading to a streamlined application lifecycle management.
- Monitored application performance and infrastructure health with Prometheus and Grafana, implementing alerts that reduced downtime incidents by 30%.
- Collaborated with cross-functional teams to implement Infrastructure as Code (IaC) using Terraform, enabling version control for infrastructure changes and enhancing collaboration among developers and operations.

Education

Master of Science, Drexel University
Computer Science

08/2023 - 03/2025 | Pennsylvania, USA

Bachelor of Technology, S.D Bansal College of Technology
Computer Science

08/2019 - 07/2023 | Indore, India