
SHIVANI PATWA | DEVOPS ENGINEER

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PROFESSIONAL SUMMARY

With 2.1 years of experience as a DevOps Engineer, seeking a challenging position in a growth oriented organization where I can leverage my expertise and gain further experience while enhancing the company's productivity and reputation.

CORE COMPETENCIES

- ✓ Cloud Services (AWS, Azure)
- ✓ Build Tool (Maven)
- ✓ CI/CD Tool (Jenkins)
- ✓ Containerization (Docker, Kubernetes)
- ✓ Code quality (Sonarqube)
- ✓ IAC Tool (Terraform)
- ✓ SCM (Git)
- ✓ Operating Systems Linux (Ubuntu, Amazon Linux)
- ✓ Project Management (Grafana, Prometheus, Cloudwatch)

PROFESSIONAL EXPERIENCE

FIRSTZEN SOLUTIONS PRIVATE LIMITED

DevOps Engineer | 2022 - Present

- Engineered CI/CD pipelines utilizing Jenkins , achieving reduction in deployment time. Automated AWS infrastructure provisioning and configuration with Terraform.
- Successfully implemented Docker-based containerized microservices on Kubernetes clusters in AWS EKS, employing cutting-edge orchestration techniques for seamless deployment and management of secrets, configurations, and Dockerfile.
- Monitored infrastructure resources and application availability using Prometheus and Grafana, proactively identifying and resolving issues to achieve reduction in system downtime.
- Managed AWS infrastructure components, including VPC, EC2, S3, ELB, EBS, Route53, optimizing resource utilization and reducing costs.
- Optimized resource allocation and reduced build times by through the implementation of Master & Slave configuration in Jenkins.
- Developed Jenkins CI pipelines and automated build tasks using Jenkinsfiles and DSL methods, increasing deployment frequency.
- Streamlined version control and deployment efficiency by integrating GitHub with Jenkins using webhooks for seamless automation.
- Implemented Terraform for infrastructure provisioning and management, reducing manual intervention.
- Proficiently utilized Kubernetes for container orchestration and deployment, enhancing scalability and reliability of microservices architecture.
- Leveraged monitoring solutions with Grafana and Prometheus for performance insights, achieving decrease in system downtime through proactive issue identification and resolution.
- Demonstrated advanced proficiency in Helm for Kubernetes application deployment, streamlining deployment processes.

- Applied AWS security best practices, encompassing encryption (KMS), security groups, and NACLs, to fortify the infrastructure's security posture.
- Familiarity with Bash scripting and Python Scripting for Unix/Linux system administration tasks and automation.
- Experience with Azure services such as Virtual Machines, Virtual Networks, Storage Accounts, **Azure Active Directory**, Azure SQL Database, Azure App Services, and more.
- Engineered a high-availability infrastructure using Azure Virtual Machine Scale Sets, Azure Kubernetes Service, Load Balancing, and Application Gateway, ensuring 99.9% uptime and optimizing performance for increased scalability and reliability.

EDUCATION

Rashtrasant Tukadoji Maharaj Nagpur University | 2018-2021

Bachelor of Business Administration