

PAVAN KALLURI

DEVOPS ENGINEER

CONTACT

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SKILLS

Azure, AWS
Ansible
Terraform
Azure Devops & Jenkins
Maven
Linux & Windows
Bash/Shell
Docker & Kubernetes
MongoDB
Git, GitHub & Azure Repos
ELK, Grafana, Prometheus

CERTIFICATIONS

Certified Azure Fundamentals (AZ-900)
Certified Azure Administrator Associate (AZ-104)
Certified DevOps Engineer Expert (AZ- 400)
AWS Certified Cloud Practitioner

EDUCATION

Bachelor of Technology
Swamy Vivekananda Engineering College 2018-2021
Electrical and Electronics Engineering

LANGUAGES

English 
Telugu 

PROFILE

DevOps Engineer with proven expertise in Azure, AWS, and CI/CD pipelines. Seeking a role to leverage my skills in automation, infrastructure management, and cloud optimization to drive organizational success

WORK EXPERIENCE

Devops Engineer

Tech Mahindra

2021-Present

Client: AT&T

- Proficient in administrating Azure IaaS and PaaS services, including Azure Virtual Machines, Web Apps, Virtual Networks (VNETs), Network Services, Azure DevOps, Storage Accounts, Azure Active Directory, Monitoring, and Autoscaling.
- Extensive experience in Azure IaaS operations, managing Virtual Machines, VM Scale Sets, Load Balancers, Virtual Networks, Storage Accounts, Resource Groups, and Cloud Services.
- Expertise in designing and implementing CI/CD pipelines using Jenkins, Azure DevOps, GitHub, JFrog Artifactory, and SonarQube for automated code validation and deployment.
- Successfully developed end-to-end pipelines for virtual machine patching using Azure DevOps, ensuring seamless automation and improved operational efficiency.
- Proficient in YAML scripting for Azure DevOps pipelines and Kubernetes deployments, automating workflows, CI/CD processes, and infrastructure configurations.
- Applied advanced knowledge of emerging technologies and trends to address client requirements and deliver innovative technology solutions.
- Automated repetitive tasks across production and staging environments using Bash and PowerShell scripting, significantly reducing manual effort and errors.
- Managed stateless and stateful applications in Kubernetes, implementing health checks, Secrets, ConfigMaps, and performing node maintenance to ensure optimal application performance.
- Oversaw Azure Kubernetes Service (AKS) upgrades and node pool lifecycle management, ensuring cluster health, stability, and scalability.
- Developed and maintained Terraform scripts for provisioning Azure resources, including virtual machines, across multiple environments (development, staging, and production) with environment-specific variables for consistent automation.
- Leveraged Azure Key Vault within Azure DevOps pipelines to securely manage secrets and certificates during virtual machine creation and automate patching workflows for enhanced security and compliance.
- Achieved a 20% reduction in cloud costs by rightsizing Azure resources, optimizing utilization, and leveraging cost-effective plans.
- Demonstrated comprehensive expertise in Azure, including Regions, Availability Zones, Virtual Machines, IAM, Storage Accounts, VNETs, Load Balancers, Network Security Groups (NSG), Web Apps, and Azure CLI.
- Monitored and optimized Spark jobs, models, and Kafka message flows, ensuring high availability, efficient data processing, and timely issue resolution to minimize downtime.
- Collaborated with development teams to troubleshoot and resolve issues across diverse environments and operating systems.
- Actively contributed to team meetings, providing insights and solutions to improve workflows and resolve challenges.
- Extensive MongoDB expertise, including cluster setup, performance optimization, data purging, disk space management, and ensuring optimal database health and reliability.
- Proficient in configuring and managing AWS EC2 instances, Auto Scaling Groups, Elastic Load Balancers (ALB), and Security Groups to deliver secure and scalable cloud environments.
- Skilled in designing and implementing AWS VPC configurations, including Subnets, Route Tables, Route 53, NAT Gateways, and Internet Gateways, as well as managing AWS S3, EBS, and Secrets Manager for secure and efficient data storage.
- Experienced in building automated pipelines using Jenkins and managing containerized workloads with AWS ECR and EKS, ensuring streamlined deployment and scaling.