

# 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

Seeking a key role where my experience will add the value to the organization and which gives me an opportunity to play a key role with strong commitment and continuous learning spirit.

### WORK EXPERIENCE

#### Devops Engineer

Tech Mahindra

2021-Present

Client: AT&T

- Proficient in Administrating Azure IaaS/PaaS services like compute Azure Virtual Machines, Web Apps, VNET, Network services, Azure DevOps, Storage Account, Azure Active Directory, Monitoring. Autoscaling.
- Experience in Azure IaaS - Virtual machines, VM Scale Sets, Load Balancer, Virtual Networks, Storage Account, Resource Groups and Cloud Services.
- Experience in CI/CD tools like Jenkins, Azure DevOps, GitHub, JFrog Artifactory and Sonar code scan validations.
- Good working experience in DevOps, establishing E2E pipeline for Patching Virtual Machines using Azure DevOps.
- Proficient in YAML scripting for Azure DevOps pipelines and Kubernetes deployments, including defining workflows, automating CI/CD processes, and managing infrastructure configurations.
- Leveraged knowledge of latest technologies and trends to address client needs and suggest technology solutions.
- Scripting and automating as repetitive tasks in production and staging environment.
- Able to run stateless and stateful applications on Kubernetes and Health checks, Secrets, Config Maps, do node maintenance.
- Managed AKS upgrades and node pool lifecycle management, ensuring optimal cluster health and performance.
- Experienced in using Terraform to provision Azure resources like Virtual Machines across multiple environments (dev, staging, prod) with environment-specific variables for seamless automation.
- Proficient in leveraging 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 20% cloud cost reduction through rightsizing instances, optimizing resource utilization, and leveraging cost-saving plans.
- Experience of working on Regions, Availability Zones, Virtual Machines, IAM, Storage accounts, VNET's, Load Balancers, NSG, Web Apps and Azure CLI etc on Azure.
- Monitored and maintained Spark jobs, Models and Kafka message flows, ensuring high availability, performance optimization, and timely data processing, while proactively identifying and resolving issues to minimize downtime.
- Collaborating with development team to troubleshoot and resolve issues.
- Contributed to team meetings and resolved problems across multiple environments and operating systems.
- Extensive MongoDB expertise, including cluster setup, performance optimization, data purging, disk space management, and ensuring optimal database health.
- Proficient in configuring and managing AWS EC2 instances, Auto Scaling Groups, Elastic Load Balancers (ALB), and Security Groups to ensure high availability, scalability, and secure cloud environments.
- Knowledge 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 Secret Manager for secure and efficient data storage.
- Knowledge in building automated pipelines using Jenkins and managing containerized workloads with AWS ECR and EKS.