

# Pavan Kalyan Penchikalapati

Email: mr.pavan.kalyan.54@gmail.com | Phone: +91 6309123731

Location: Hyderabad, India

## Career Objective

Aspiring DevOps Engineer seeking an opportunity to contribute in a dynamic organization by leveraging my knowledge in Azure, AWS, Kubernetes, Terraform, and CI/CD automation. Looking forward to learning from seasoned professionals and driving efficient, secure, and scalable cloud-based DevOps solutions.

## Professional Experience

### Associate DevOps Engineer

Softic Digitech Pvt Ltd | Hyderabad, India

August 2021 - Present

- Managing and automating Azure and AWS cloud infrastructure using Terraform for scalable and cost-effective environments.
- Building and maintaining CI/CD pipelines using Azure DevOps and GitHub Actions for multi-environment deployments.
- Supporting Kubernetes clusters (AKS) including deployments, scaling, service routing via NGINX Ingress, and resource monitoring.
- Deployed Oracle Database instances within Kubernetes and integrated logs with Splunk.
- Collaborated with teams to integrate Postman API testing into the CI pipelines.
- Created Bash scripts for automation and backup tasks.
- Implemented best practices for infrastructure provisioning, monitoring, and logging.
- Assisted in writing YAML pipelines to automate application build and deployment.
- Containerized applications using Docker and deployed to Kubernetes clusters.
- Supported Terraform-based infrastructure provisioning in sandbox environments.
- Configured basic monitoring with Splunk and setup log forwarding for container logs.
- Used Git for version control and worked in an agile-based environment.

## Certifications

- Microsoft Certified: Azure Administrator Associate (AZ-104)

## Technical Skills

### Cloud Platforms:

Microsoft Azure, AWS

### Infrastructure as Code:

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Terraform

## **CI/CD Tools:**

Azure DevOps, GitHub Actions

## **SCM Tools:**

Git, Azure Repos

## **Build Tool:**

Apache Maven, npm, pip

## **Containerization:**

Docker

## **Orchestration:**

Kubernetes

## **Artifact Management:**

Azure Artifacts, Nexus

## **Monitoring:**

Splunk

## **Web/App Server:**

NGINX, Tomcat

## **Scripting Languages:**

Python

## **Operating Systems:**

Ubuntu, Linux

## **Testing Tool:**

Postman

## **Security Tools:**

SonarQube, Trivy

## **Educational Qualification**

Master of Computer Applications - 2023

Annamacharya Institute of Technology & Sciences, Rajampeta, Andhra Pradesh.

## **Declaration**

I hereby declare that the above-mentioned information is true to the best of my knowledge and belief.

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(Pavan Kalyan Penchikalapati)