Paravjot Singh
Azure DevOps Engineer

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📍 Pune, India

in https://www.linkedin.com/in/sparavjot/

Azure DevOps professional with around 4 years of experience, adept in IaC utilizing ARM/Bicep and Terraform. Proficient in Kubernetes via Helm, and enhancing infrastructures with robust scripting. Skilled in setting up and maintaining Azure network topologies and monitoring systems, ensuring high-performance cloud solutions.

WORK EXPERIENCE

Genpact India
Consultant
01/2024 – present | Pune

- Designed and implemented cloud architectures focused on scalability, high availability, disaster recovery, and automated deployments.
- Led the development of a microservices platform, optimizing reliability and performance through container orchestration, secure API integration, and automated CI/CD workflows.
- Architected a high-performance application architecture, enhancing secure connectivity, reducing latency, and ensuring high availability with redundancy and fault-tolerant design.

Tata Consultancy Services
Azure DevOps Engineer
11/2020 – 01/2024 | Pune, India

Led a project migrating applications from on-premise to Azure cloud, focusing on automation, high availability, and elasticity. My responsibilities included:
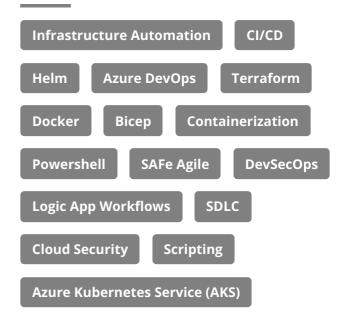
- Migration of on-premises systems to Azure for improved reliability and security.
- Automated infrastructure provisioning using Terraform, Bicep and ARM Templates.
- Developed and maintained Azure DevOps pipelines.
- Maintained Helm charts and deployed and monitored Azure infrastructure using ELK.
- Orchestrated Azure cloud security by implementing IaC scanning, executing DevSecOps and ensuring compliance with encryption and security best practices.
- Utilised scripting for automation improvements and enhancements in cloud operations.

PROJECTS

AI-Driven Kubernetes CLI Assistant (aicli)
Developed aicli, an AI-powered command-line tool that simplifies Kubernetes management using natural language processing. Key features include resource monitoring, context management, RBAC integration, and direct access to Kubernetes documentation.

SKILLS

Infrastructure Automation · CI/CD · Helm · Azure DevOps · Terraform · Docker · Bicep · Containerization · Powershell · SAFe Agile · DevSecOps · Logic App Workflows · SDLC · Cloud Security · Scripting · Azure Kubernetes Service (AKS)

AWARDS

STAR OF THE MONTH AWARD
05/2023

Special Initiative Award
04/2023
Cost optimization achieved by saving 1250CHF per month

STAR OF THE MONTH AWARD
01/2023

STAR OF THE MONTH AWARD
09/2022

Special Initiative Award
08/2021

CERTIFICATES

Microsoft Azure Fundamentals
AZ-900

EDUCATION

B.Tech in Computer Science Engineering
UPES
2016 – 2020 | Dehradun, India