Kamal Kumar

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Summary

Lead Cloud Engineer with 7.5 years specializing in Azure Cloud infrastructure and DevOps. Proven track record optimizing reliability, security, and cost-efficiency through automation and CI/CD. Skilled problem-solver in dynamic environments, fostering cross-functional collaboration for project success. Seeking to leverage expertise for organizational growth.

[Linkedin](#) · [Portfolio](#) · [Website](#) · [YouTube](#) · [GitHub](#)

Experience

Lead Cloud Platform Engineer

London Stock Exchange Group (On role: EPAM Systems) · Gurugram, Haryana   06/2022 - Present

- Orchestrated infrastructure setup for over 1000 application teams.
- Implemented robust security measures including Defense in Depth strategies, utilizing Azure Defender, Azure Policies, Privileged Identity Management, and Azure AD.
- Streamlined infrastructure management through PowerShell and Terraform automation.
- Led Proof of Concepts (PoCs) to evaluate cloud infrastructure and security controls.
- Supervised diverse components including Landing Zones, ExpressRoute circuits, hub-and-spoke environments, policies, Terraform backends, and intricate Azure DevOps pipelines.
- Proactively upgraded Azure services to meet evolving needs.
- Directed Azure networking solutions within hub-and-spoke environments as Senior Platform Engineer.
- Developed and sustained Azure Functions to support operational requirements.
- Provided extensive customer support on Azure Kubernetes Service, Container Apps, ACR, and related services.
- Managed configuration effectively using Ansible and Terraform.
- Addressed over 100 vulnerabilities across Azure services.
- Documented solutions comprehensively for consumer and application teams.

Cloud Platform Engineer

BlackRock (On role: ITC Infotech) · Gurugram, Haryana   10/2018 - 06/2022

- Created and maintained Terraform modules for Platform and Application teams.
- Automated repetitive tasks across teams using Python and PowerShell scripting.
- Collaborated on architectural decisions within the team.
- Implemented CI/CD pipelines for Azure resource deployment via Azure DevOps.
- Provided support to Azure Application teams for various requests and issues.
- Hardened container images for Application Teams.
- Deployed 100+ policies to enforce user restrictions on the Azure Platform.

Systems Engineer

Aakash Educational Services Pvt. Ltd · Delhi, Delhi   04/2017 - 10/2018

- Managing infrastructure for 200+ Aakash Edu. Ltd. branches.
- Planning and implementing Telecom, Storage, and Network solutions for new branch openings.
- Deploying servers, performing backups, and ensuring end-user device security through Symantec solutions.
- Serving as L3 support to resolve end-user issues for a year.
- Troubleshooting network and production problems, and conducting root-cause analysis.
- Supporting over 5000 users in Windows and Linux environments.
- Automating tasks and Active Directory (AD) management using Python and PowerShell.
- Worked on documenting the process and various solutions

Skills

Microsoft Azure, Python, PowerShell, Golang, Terraform, Ansible, Azure DevOps, Docker, Kubernetes, Linux, Azure Security, Code Optimization, Azure SQL, Azure KQL, Microsoft Graph, Microsoft Entra

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Education

Masters in Computer Applications

Jain University, Centre for Management Studies · Delhi, Delhi   10/2023

Bachelors of Computer Applications

Sikkim Manipal University · Delhi, Delhi   08/2016

Certificates

Microsoft Certified Azure DevOps Expert, Microsoft Certified Azure AI Fundamentals, Microsoft Certified Azure Developer Associate, Microsoft Certified Azure Solution Architect Technologies, Microsoft Certified Azure Networking Associate, Microsoft Certified Azure Security Expert, GitLab Certified CI/CD Associate, HashiCorp Certified Terraform Associate