

Kamal Kumar

Lead Cloud Platform Engineer

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🔗 Engineer.in ▶ Devcryptoed 🔄 Aworkaround 📝 Blog

Lead Cloud Platform Engineer with **7.5 years** of expertise in **Azure Cloud Infrastructure** and **DevOps**. Proven ability to optimize **reliability**, **security**, and **cost-efficiency** through **automation** and **CI/CD**. Skilled in solving complex problems, driving cross-functional collaboration, and delivering scalable solutions.

PROFESSIONAL EXPERIENCE

EPAM Systems [Client: LSEG]

Jun 2022 – present | Delhi, India

Lead Cloud Platform Engineer

- Orchestrated infrastructure setup for 200+ application teams.
- Implemented *Defense in Depth* security strategies leveraging Azure Defender, Azure Policies, PIM, and Azure AD.
- Automated infrastructure management using **PowerShell** and **Terraform**, streamlining operational processes.
- Led Proof of Concepts (PoCs) to evaluate cloud infrastructure and security controls.
- Supervised complex components, including Landing Zones, ExpressRoute circuits, **hub-and-spoke** networks, Terraform backends, and Azure DevOps pipelines.
- Upgraded Azure services proactively to align with evolving business requirements.
- Directed Azure networking solutions within hub-and-spoke environments.
- Developed and maintained Azure Functions to meet operational demands.
- Provided expert support on **Azure Kubernetes Service (AKS)**, Container Apps, ACR, and related Azure services.
- Managed configuration using **Ansible** and **Terraform** to ensure consistency across environments.
- Remediated 100+ vulnerabilities across Azure services, enhancing security posture.
- Authored comprehensive documentation for consumers and application teams, improving knowledge sharing and support.

ITC Infotech (Client: BlackRock)

Oct 2018 – Jun 2022 | Gurugram, India

Cloud Platform Engineer

- Created and maintained **50+ reusable Terraform modules** for Platform and Application teams, reducing deployment time by 30%.
- Automated **50+ repetitive tasks** using **Python** and **PowerShell** scripting, improving team productivity by 25%.
- Collaborated on architectural decisions, contributing to platform scalability and performance.
- Implemented **40+ CI/CD pipelines** for Azure resource deployments using Azure DevOps, accelerating delivery timelines.
- Provided **support to 30+ Azure Application teams**, resolving **99% of issues** within defined SLAs.
- Hardened container images to enhance security for Application Teams, reducing vulnerabilities by 40%.
- Deployed **100+ Azure policies** to enforce user restrictions, ensuring **90% compliance** with organizational standards.

Collabera Technologies

Systems Engineer

Apr 2017 – Oct 2018 | Delhi, India

- Managed infrastructure for **200+ branches** of Aakash Edu. Ltd., ensuring seamless operations and uptime.
- Planned and implemented **Telecom, Storage, and Network solutions** for **50+ new branch openings**, enabling on-time launches.
- Deployed **100+ servers**, performed regular backups, and ensured end-user device security using **Symantec solutions**.
- Served as **L3 support**, resolving end-user issues, troubleshooting **network and production problems**, and conducting detailed root-cause analyses.
- Provided support to **5000+ users** across **Windows** and **Linux environments**, maintaining 99.9% system availability.
- Automated routine tasks and optimized **Active Directory (AD) management** using **Python** and **PowerShell**, improving efficiency by 20%.

SKILLS

Azure Networking	● ● ● ● ●	Linux Administration	● ● ● ● ●
Azure Security	● ● ● ● ●	Docker	● ● ● ● ●
PowerShell & Bash	● ● ● ● ●	Ansible	● ● ● ● ●
Terraform	● ● ● ● ●	Kubernetes	● ● ● ● ●
Microsoft Entra	● ● ● ● ●	Code Optimization	● ● ● ● ●
Azure DevOps	● ● ● ● ●	Python	● ● ● ● ●
Azure KQL	● ● ● ● ●	Azure SQL & PostgreSQL	● ● ● ● ●
Microsoft Graph	● ● ● ● ●	Golang	● ● ● ● ●

CERTIFICATES

MS Certified Azure DevOps Expert — AZ-400	MS Certified Azure AI Fundamentals — AI-900
GitLab Certified CI/CD Associate	MS Certified Azure Networking Associate — AZ-700
HashiCorp Certified Terraform Associate	MS Certified Azure Developer Associate — AZ-204
MS Certified Azure Security Expert — AZ-500	
MS Certified Azure Solution Architect Technologies — AZ-300	

EDUCATION

Masters in Computer Applications

Jain University

Jul 2021 – Aug 2023 | Delhi, India

Bachelors of Computer Applications

Sikkim Manipal University

Jun 2013 – Jul 2016 | Delhi, India