

Manish Kumar

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Professional Summary

Experienced IT professional with over a decade of expertise in IT infrastructure, cloud computing, and team management. Skilled in designing scalable, cost-effective cloud architectures, optimizing AWS services, and leading diverse technical teams. Proven track record in cloud migrations, security solutions, and enterprise support for hybrid and cloud-native systems.

- **Member of AWS Customer Council.**
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Key Skills

- **AWS Expertise:** EC2, S3, VPC, IAM, Lambda, CloudFormation, Elastic Load Balancer, Auto Scaling, ECS, ECR and EKS.
 - **Networking & Security:** Route53, CloudFront, AWS WAF, GuardDuty, NACLs, Security Groups
 - **DevOps Tools:** Jenkins, Docker, Kubernetes, Terraform, Ansible, Git
 - **Programming & Scripting:** Python, Shell Scripting
 - **Database & Web Services:** RDS, DynamoDB, Apache, Nginx, Redis
 - **Cloud Migration:** Server migrations, data backup to AWS S3, hybrid system orchestration
 - **Other Tools:** CloudWatch, CloudTrail, AWS Config, Zimbra, WHM/cPanel
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Professional Experience

IT Team Lead

PCPatchers Technology Private Limited | Nov 2013 – Present

- Architected and managed multi-account AWS environments supporting 100+ projects.
- Optimized AWS resources, including EC2, RDS, and VPC, achieving a 20% cost reduction.
- Led a team of 10+ developers and IT executives, ensuring seamless integration of cloud services.

- Monitored and resolved performance bottlenecks, ensuring 99.9% uptime for mission-critical applications.
- Automated infrastructure deployment using Terraform and Ansible, reducing manual workload by 30%.
- Collaborated cross-functionally with DevOps and development teams to streamline CI/CD pipelines.
- Engaged directly with clients to gather requirements, define project scope, and ensure seamless development aligned with their needs.
- Proactively identified cross-selling opportunities and converted leads into sales by crafting compelling proposals, negotiating terms, and successfully closing deals.

Projects

- Designed and implemented an automated CI/CD pipeline for website deployment on AWS using Terraform, Ansible, Jenkins, Kubernetes, and Docker. Orchestrated cloud infrastructure provisioning, containerized applications, and ensured seamless deployment with GitHub integration.
- Orchestrated a scalable AWS architecture with VPC, EC2, RDS, DynamoDB, and S3 for an employee profile application. Implemented auto-scaling, load balancing, and integrated Lambda and SNS for event-driven automation.
- Created a scalable online directory service application on AWS using VPC, EC2, RDS, DynamoDB, Pinpoint, Cognito, SES, S3, and CloudFront. Implemented Auto Scaling, Load Balancing, IAM roles, and event-driven automation with Lambda and SNS. Applied security measures using AWS WAF and Cloudflare's security tools.

Certifications

- **Executive Post Graduate Certification in Cloud Computing and DevOps** (IIT Roorkee)

Education

- **Master of Computer Applications**, Maharaja Agrasen Himalayan Garhwal University

Personal Profile

- **Languages:** English, Hindi
- **Date of Birth:** 08-10-1980