Kumar Vibhanshu

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PROFESSIONAL SUMMARY

Technical Lead with 5+ years of overall software engineering experience and a strong foundation in hands-on development. Brings deep practical expertise in cloud migration, infrastructure automation, microservices architecture, and DevOps practices. Proficient in AWS, Azure, Kubernetes, Docker, Terraform, and CI/CD pipelines, with experience designing and supporting scalable, secure, multi-cloud systems. Proven track record of improving system reliability and delivery efficiency, including reducing deployment time by 40%. AWS Certified Solutions Architect and Azure AI Engineer Associate, with solid client-facing and cross-team collaboration experience..

EXPERIENCE

Technical Lead   February 2025 - Present
Tata Consultancy Services   *Gurugram, Haryana, India*
- Lead technical teams in designing and delivering enterprise-grade cloud and AI solutions for high-profile clients
- Architect multi-cloud solutions leveraging AWS and Azure services to serve millions of users with high availability
- Implement AI-powered applications using Azure OpenAI Service and Cognitive Services for intelligent automation
- Drive DevOps best practices and automate CI/CD pipelines using GitHub Actions, reducing deployment time by 40%
- Mentor development teams on cloud architecture patterns, microservices design, and AI implementation strategies

System Engineer — Developer   May 2021 - February 2025
Tata Consultancy Services   *Gurugram, Haryana, India*
- Developed and deployed scalable microservices architectures with seamless RESTful API integrations
- Built cloud-native applications on AWS and Azure with focus on performance, security, and cost optimization
- Implemented Infrastructure as Code practices for automated provisioning and configuration management
- Collaborated with cross-functional teams to deliver high-impact projects meeting strict SLA requirements
- Maintained comprehensive technical documentation and participated in code reviews to ensure quality standards

PHP Developer   Jan 2021 - Apr 2021
SIB Infotech   *Delhi, India*
- Developed web applications with emphasis on performance optimization and database schema design
- Designed responsive websites and implemented enhancements for existing applications

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, S3, Lambda, VPC, ECR, EKS, RDS, CloudFormation, IAM...), Microsoft Azure (App Services, Functions, Storage)
AI & ML: Azure OpenAI Service, Azure Cognitive Services, Generative AI
Development & Databases: Microservices, RESTful APIs, Full-stack Development, MySQL, PostgreSQL, MongoDB, SQL Server
DevOps: GitHub Actions, CI/CD Pipelines, Docker, Kubernetes, Terraform
Observability & Monitoring: CloudWatch, Prometheus, Grafana, New Relic, Kibana

PROJECTS

Cloud Migration: Led migration of legacy applications to AWS reducing infrastructure costs by 35% while improving system performance by 50%

Microservices Platform: Designed and implemented microservices architecture serving 10M+ daily transactions with automated CI/CD deployment pipeline

CERTIFICATIONS

AWS: Solutions Architect Associate (SAA-C03), AI Practitioner (AIF-C01), Cloud Practitioner (CLF-C02)
Microsoft Azure: AI Engineer Associate (AI-102), Azure Fundamentals (AZ-900), Azure AI Fundamentals (AI-900)
Others: Google Cloud Compute Basics, Rest API (Intermediate) Skills Certification

EDUCATION

Master of Computer Applications (MCA)   2018 - 2020
TIT Technocrats Group of Institutions   *Bhopal, India*

Bachelor of Computer Applications (BCA)   2014 - 2017
T.N.B. College   *Bhagalpur, India*