

Aim to utilize extensive knowledge in Azure infrastructure and DevOps to enhance organizational performance and innovation, while actively Pursuing opportunities for professional development in a progressive work environment.

CONTACT

✉ sarathkr555@gmail.com

☎ +91 8378979093

in <https://linkedin.com/in/sarath-k-r-67b9947a>

CORE COMPETENCIES

- Cloud Architecture & Strategy
- Site Reliability Engineering
- Infrastructure Design & Optimization
- Performance Engineering & Scalability
- Operational Excellence & Automation
- Platform Reliability & Resilience
- Security Governance & Compliance
- Cost Optimization & Resource Management
- Stakeholder & Cross-Functional Collaboration
- Technical Leadership & Continuous Improvement

TECHNICAL SKILLS

- **Cloud Platforms:** Microsoft Azure, AWS
- **Operating Systems:** Red Hat Enterprise Linux (RHEL), SUSE Linux
- **DevOps & CI/CD:** Azure DevOps, Jenkins, GitHub
- **Orchestration & Containers:** Azure Kubernetes Service (AKS)
- **Infrastructure Automation:** Terraform, Ansible
- **Scripting & Automation:** Shell Scripting, PowerShell
- **Monitoring & Observability:** Grafana, Prometheus, Zabbix, Splunk
- **Security & Compliance:** Microsoft Defender, TrendMicro, McAfee
- **Project & Service Management:** Jira, ServiceNow
- **Cloud & System Operations:** Azure Infrastructure Management, ITIL Practices, Agile & Scrum Methodologies

SARATH K R

PROFILE SUMMARY

- **Experienced Cloud & DevOps Engineering Leader** with 13+ years of progressive experience architecting, automating, and scaling enterprise-grade hybrid and multi-cloud environments across Azure and AWS.
- Established expertise in **Azure infrastructure architecture**, including high-availability compute, networking, storage, security, Kubernetes, and governance frameworks aligned with enterprise standards.
- Proven success in leading **end-to-end DevOps transformations**, driving CI/CD modernization, IaC standardization (Terraform, Ansible, Packer), and implementing GitOps-driven deployment models for predictable, compliant delivery at scale.
- Strong background in **Site Reliability Engineering**, optimizing reliability, performance, observability, and operational excellence through advanced automation, monitoring (Grafana, Prometheus, ELK, Datadog), and incident lifecycle management.
- Skilled in **cloud security and compliance**, including CIS hardening, identity governance (Azure AD/Entra ID), container image security, vulnerability remediation, and cloud resource cost governance (FinOps best practices).
- Expertise in **Linux engineering and platform operations**, enabling consistent OS-level performance tuning, storage engineering, kernel optimization, and automation to support mission-critical workloads.
- Expert at **leading cloud modernization initiatives**, designing migration strategies, establishing operational frameworks, and ensuring scalability, resiliency, and disaster recovery through enterprise architectures.
- Highly collaborative communicator with a proven capability to partner with cross-functional engineering, architecture, and business teams to deliver cloud solutions that enhance stability, reduce operational overhead, and accelerate digital transformation.

WORK EXPERIENCE

Ernst & Young LLP | Senior Consultant (Site Reliability Engineer)

May 2022 – Present | Bangalore, India

Project: DigiGST – Cloud & Platform Reliability

- Designing, deploying, and governing large-scale Azure cloud infrastructure to ensure high availability, security, and compliance for mission-critical applications.
- Building secure Azure Landing Zones, including VNets, NSGs, Route Tables, Bastion, Load Balancers, Application Gateways, and custom RBAC models.
- Engineering automated infrastructure provisioning using Terraform, ARM templates, and Azure DevOps pipelines to deliver fully repeatable environments.
- Developing end-to-end CI/CD workflows integrating build, test, quality gates, artifact management, and blue-green deployment strategies.
- Designing enterprise-wide Backup & Disaster Recovery strategies using Azure Recovery Services and conducting failover testing and lifecycle management.
- Automating operational processes using PowerShell, Bash, Azure Functions, and Logic Apps, reducing manual intervention significantly.
- Managing AKS clusters by performing node upgrades, cluster scaling, workload orchestration, ingress/egress management, and secret management via Key Vault.
- Conducting image hardening and OS security baselines using CIS benchmarks and distributing hardened images through Azure Compute Gallery.
- Implementing and maintaining a full-stack monitoring and observability ecosystem using Prometheus, Grafana, ELK, Azure Monitor, Log Analytics, and Kusto queries.
- Establishing alerting frameworks, dashboards, SLO/SLI metrics, and automated remediation playbooks to enhance SRE maturity.

CERTIFICATIONS

- Microsoft Azure Administrator AZ-104
- Azure Solutions Architect Expert AZ-300

EDUCATION

- Diploma in Electronics Engineering – Govt Polytechnic College Chelakkara (2012) – 74%
- SSLC (10th) – Govt Technical High School Shoranur (2009) – 83%

AWARDS & ACHIEVEMENTS

- E&Y LLP - Exceptional Contributor Award
- E&Y LLP - Client Extraordinaire Awards
- Successfully led a project that migrated applications to Azure, enhancing system availability and performance while reducing downtime during the transition.
- Developed and implemented a comprehensive CI/CD pipeline that reduced deployment times, enhancing the speed of software delivery.
- Achieved an improvement in deployment efficiency through the implementation of automated processes and CI/CD practices.
- Enhanced incident response times through the establishment of streamlined processes and effective communication protocols.

PERSONAL DETAILS

Address : Kizhakkumuri House
Killimangalam PO Thrissur
Kerala, 680591

Languages : English, Malayalam, Hindi
Known

Date of Birth : 20 February 1994

- Optimizing cloud costs through rightsizing, reservation planning, storage tiering, and lifecycle governance to achieve measurable savings.
- Strengthening cloud security posture through periodic access reviews, identity refinement in Azure AD, network segmentation, and policy enforcement.
- Leading root-cause analysis (RCA) for high-severity incidents and establishing corrective and preventive engineering controls.
- Collaborating with cybersecurity teams to implement vulnerability mitigation, container scanning, OS patching, and workload isolation.
- Conducting capacity planning, performance benchmarking, and resource sizing for new deployments to ensure optimal utilization.
- Acting as a technical SME for cloud transformation initiatives and guiding cross-functional teams on design patterns, automation practices, and DevOps standards.

Allianz Technology SE | Senior Analyst (Hybrid Cloud – Site Reliability Engineer) July 2020 – May 2022 | Thiruvananthapuram, India

- Managed key AWS services such as **EC2, VPC, IAM, Route 53, Auto Scaling, S3**, and CloudWatch for mission-critical production workloads.
- Configured and maintained Azure VMs, Resource Groups, Storage, networking components, and security configurations for hybrid cloud deployments.
- Delivered L3 support for complex Linux (RHEL 7/8) issues involving performance, patching, configuration, storage, and system-level hardening.
- Built and managed virtualized infrastructure using **VMware vRealize Automation**, improving provisioning speed and infrastructure consistency.
- Established automated CI/CD pipelines using Git and Jenkins, reducing deployment errors and accelerating release cycles.
- Drove hybrid-cloud migration initiatives, enhancing system availability and optimizing resource utilization across AWS, Azure, and VMware environments.
- Improved reliability and security by enforcing **CIS benchmarks**, implementing automation for patching & compliance, and refining incident-response processes.

IBM India Pvt Ltd | Technical Service Specialist Feb 2020 – Jul 2020 | Bangalore, India

- Supported cloud and on-premise infrastructure troubleshooting, collaborating closely with engineering teams to resolve issues and improve service availability.
- Ensured stable service delivery and contributed to process improvements across support operations.

Tata Consultancy Services | IT Analyst (Cloud & Linux Engineer) May 2016 – Feb 2020 | Bangalore, India

- Managed Azure resources including VMs, Storage Accounts, NSGs, Load Balancers, IAM roles, and Dev-Test Lab migrations for enterprise applications.
- Automated cloud provisioning and configuration using **Terraform**, Ansible, and Packer-based image pipelines.
- Administered enterprise Linux platforms (SUSE, RHEL), performing LVM/RAID configuration, NFS, DNS, FTP, SAMBA, kernel tuning, NIC bonding, and OS-level security.
- Troubleshoot issues across SAP HANA Cloud, GPFS clusters, and hybrid network environments, improving system stability and operational continuity.
- Enhanced operational efficiency through Shell-based automation, CRON scheduling, and strong incident-management practices.

HCL Services Ltd | Customer Support Engineer Oct 2012 – Apr 2016 | Pune, India

- Diagnosed and repaired server, desktop, and laptop hardware components across enterprise environments.
- Installed, configured, and supported Linux and Windows OS for end-users, resolving hardware and software technical issues.
- Coordinated with remote teams and vendors to resolve escalated issues and ensure seamless service delivery.