SAGAR RAVKHANDE
Senior Cloud & DevOps Engineer
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PROFESSIONAL SUMMARY

Results-driven Senior Cloud & DevOps Engineer with 13+ years of experience architecting scalable, secure infrastructure across AWS and Azure. Proven track record of reducing costs by $148K+ annually and accelerating deployment cycles by 40% through automation. Expertise in Kubernetes, Terraform, CI/CD pipelines, cloud-native architecture and Infrastructure as Code (IaC), driving measurable improvements in system reliability, security, and cost efficiency, with emerging expertise in AI and large language models (LLMs).

TECHNICAL SKILLS

Cloud: AWS (EC2, EKS, Lambda, AWS S3, VPC, IAM), Azure (VM, Azure Storage, AKS, Azure Functions, Service Bus, Azure DevOps).
IaC: Terraform, Azure Bicep & ARM, CloudFormation, Ansible, Puppet, Helm.
Containers: Kubernetes, Docker, EKS, AKS, ECS.
CI/CD: GitLab CI/CD, Jenkins, Azure DevOps, GitOps, ArgoCD.
Monitoring: Prometheus, Grafana, CloudWatch, ELK.
Infrastructure & Security: Linux, ELK, Confluent Kafka, Vault, IAM, MFA, OWASP.
Languages: Python, Bash, Boto3.
Databases: MySQL, Microsoft SQL Server, MongoDB Atlas, Redis.

PROFESSIONAL EXPERIENCE

Luxoft — *Senior Cloud DevOps Engineer* — Wroclaw, Poland   *Nov 2021 – Present*
- Architected multi-cloud infrastructures (AWS & Azure) using Terraform/Kubernetes, improving scalability and resilience for enterprise clients.
- Designed resilient, multi-AZ EKS clusters, reducing infrastructure configuration drift by 40% with automated detection.
- Reduced deployment times by 40% by optimizing CI/CD pipelines with GitOps, Azure DevOps, and Vault across 50+ microservices.
- Established container image security scanning and hardening practices, reducing vulnerabilities by 75%.
- Led migration of 100+ repositories from SVN to GitLab with automation, reducing maintenance overhead by 60%.
- Implemented monitoring/alerting (Prometheus, Grafana), achieving 99.9% uptime and reducing incident response by 75%.

TomTom — *Senior Cloud DevOps Engineer* — Pune, India   *Oct 2018 – Sep 2021*
- Achieved $148K annual savings by architecting optimized Azure/OpenStack infrastructure with rightsizing and auto-scaling.
- Architected multi-region AKS infrastructure with 99.9% uptime SLA, cutting cloud expenses by 25% through resource optimizations.
- Reduced provisioning time from 4 hours to 6 minutes (98.75% improvement) via Terraform/Ansible automation.
- Improved critical incident response times 85% with Prometheus/Grafana monitoring, reducing MTTR to 18 minutes.
- Led 5+ cloud projects with global teams, enabling 90% faster feature release cycles.

Pitney Bowes — *DevOps Specialist* — Pune, India   *Jan 2018 – Oct 2018*
- Designed CI/CD pipelines with GitLab, Jenkins, and Puppet for hybrid AWS/on-prem deployments across 30+ applications.
- Developed Lambda functions and Boto3 scripts, reducing manual operations 70% and cutting cloud costs by $3K/month.
- Implemented ECS containerized workloads, improving deployment consistency and scalability.
- Strengthened security with MFA, IAM policies, and hardened security groups, achieving full compliance.

Sears Holdings India — *Technical Associate* — Pune, India   *Sep 2015 – Jan 2018*
- Built deployment/monitoring tools, improving application performance 30%; reduced order processing time from 1 month to 2 days.
- Managed AWS infrastructure (EC2, ELB, VPC, S3, IAM, Lambda) for high-traffic e-commerce platform.
- Implemented Nagios monitoring for production servers, tracking CPU, memory, disk, and service health.

One Chits Private Ltd. — *Freelancer* — Pune, India   July 2014 – Aug 2015
- Collaborated with clients to design offline-capable PHP applications from scratch.
- Developed browser-based applications interacting with MySQL databases.
- Completed 5+ projects, delivering high-quality solutions to clients by utilizing JavaScript for dynamic client-side functionality and Shell scripting for automation tasks.

Inbox Masters System Private Ltd. — *UI Developer* — Pune, India   May 2012 – June 2014
- Designed and developed an in-house web interface using PHP, JavaScript, HTML/CSS, and jQuery to streamline customer marketing mail.
- Built new PHP interfaces for customer-facing applications, reducing user time on the page by 2 minutes.
- Optimized database performance by 20% using materialized views and stored procedures, improving code efficiency by 30% with efficient data structures.

CERTIFICATIONS & AWARDS

Certifications:
- KCNA: Kubernetes and Cloud Native Associate
- AWS Certified DevOps Engineer (Professional)
- AWS Certified Cloud Practitioner
- Microsoft Certified Azure Architect
- Microsoft Certified Azure Developer
- Microsoft Certified DevOps Engineer
- Microsoft Certified: Azure Administrator Associate
- GitLab Certified Git Associate
- Gremlin Certified Chaos Engineering Practitioner

Awards:
- Star Performer of the Year – Inbox Master System Private Ltd.
- Team Excellence Award – Sears

EDUCATION

Bachelor of Engineering in Computer Engineering   2007–2011
D.Y. Patil College of Engineering, Pune