

Balasubramani K

Senior Cloud Solution Architect | Consultant | Kubernetes | DevOps | Terraform | AWS | GCP | AZURE

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PROFESSIONAL SUMMARY

Technology executive, cloud strategist and digital transformation with 18+ years of experience helping startups, SaaS companies, educational institutions, and enterprises modernize their technology platforms. Experienced in leading enterprise-scale design, implementation, migration and modernization initiatives across Cloud infrastructure, Kubernetes adoption, DevOps, DevSecOps, GitOps transformation, observability, security and disaster recovery.

CAREER HIGHLIGHTS

- 18+ Years Experience, Proven track on Multi Cloud, Business Outcome Focus, Cloud-Native Expertise, Automation-First Delivery, Enterprise-Grade Operations, Long-Term Partnership.
- Helping startups, SaaS companies, and enterprises accelerate digital transformation, optimize cloud investments, improve operational resilience, and build scalable cloud-native platforms.
- Delivered cloud architecture solutions, Kubernetes platform engineering, DevOps transformation, and managed cloud operations services for clients across industries SaaS, Solar Energy, IoT & Smart Agriculture, Financial Services, and Education Technology sectors.
- Experienced advisor to startup founders, CTOs, and engineering leadership teams.

CAPABILITIES

- Cloud Transformation Strategy & Governance
- Digital Transformation & Technology Modernization
- Business Scalability, Reliability & Operational Excellence
- Cost Optimization & Performance Stability
- Enterprise Kubernetes Adoption, DevOps & Cloud-Native Operations
- AI Infrastructure Strategy & Readiness
- Disaster Recovery & Business Continuity

CORE COMPETENCIES

- ✓ Lead cloud transformation programs that align technology investments with business objectives, accelerate modernization initiatives, and enable scalable digital growth.
- ✓ Design scalable cloud-native architectures supporting business-critical workloads.
- ✓ Direct enterprise Kubernetes adoption programs, designing secure, resilient container platforms.
- ✓ Drive cloud cost optimization initiatives through governance frameworks, capacity planning, resource utilization improvements, and infrastructure efficiency strategies.
- ✓ Lead infrastructure modernization efforts that transform legacy environments into cloud-native, automated, and highly available platforms.
- ✓ Build and mature DevOps and GitOps operating models that improve software delivery performance, deployment consistency, and organizational agility.
- ✓ Establish enterprise observability capabilities through monitoring, logging, alerting, and incident management frameworks that improve operational visibility and reliability.
- ✓ Implement cloud security and governance practices that strengthen compliance, risk management, access control, and operational accountability.
- ✓ Develop disaster recovery and business continuity strategies that improve resilience, minimize operational disruptions, and ensure service availability.
- ✓ Deliver managed cloud operations services covering platform administration, infrastructure support, monitoring, maintenance, capacity planning, and operational excellence.
- ✓ Advise organizations on AI infrastructure readiness for AI workloads.
- ✓ Improve engineering productivity through automation, platform standardization, self-service capabilities, Infrastructure as Code, and streamlined software delivery processes.

CERTIFICATION

- Amazon Web Services Certified Solutions Architect – Associate
- RedHat OpenShift Administration
- Cloud Native Computing Foundation Certified Kubernetes Administrator (CKA)
- Cloud Native Computing Foundation Certified Kubernetes Application Developer (CKAD)
- RedHat Enterprise Linux (RHCE)

PROFESSIONAL EXPERIENCE

Y Media Labs Pvt Ltd | Senior Cloud Engineer | March 2022 to July 2023 | Bangalore, India

AWS Cloud | Serverless | Mobile | Lambda | Fargate | DevOps | Microservice | Event-driven

- Designed multi-AWS account landing zones and cloud governance frameworks.
- Implemented CI/CD automation using GitHub Actions, App Center and Fastlane.
- Supported serverless and container-based architectures with operational consistency.

Oracle | Cloud Operation Engineer | Nov 2016 to Aug 2017 | Bangalore, India

- Supported enterprise cloud services and mission-critical production environments.
- Managed operational excellence, monitoring, and incident response.
- Improved reliability and operational governance across cloud platforms.

Cisco Systems | Cloud Engineer | Linux Administrator | Oct 2010 - Oct 2016 | Bangalore, India

Private Cloud | Data Center Implementation | VMware Virtualization | Physical Server UCS

- Supported enterprise infrastructure and global data center operations.
- Managed Linux platforms, release management, and infrastructure services.
- Contributed to enterprise-scale operational excellence programs.

HCL | Senior Linux System Administrator | April 2010 - Oct 2010 | Hyderabad, India

Data Center Migration | HP-UNIX servers | Redhat Linux Servers

- Managed enterprise Linux infrastructure and mission-critical systems.
- Supported production operations, maintenance, and platform reliability.

HP | Datacenter Operations Specialist | September 2009 - March 2010 | Bangalore, India

HP ProLiant DL380 G5 servers | HP MSA Storage Array and Tape Library | Fiber Optic Cabling

- Supported enterprise data center operations and infrastructure services.
- Managed operational support and platform availability initiatives.

Technology Expertise

Cloud Infrastructure Foundation for Business

IaaS, SaaS, PaaS, Public, Private, Hybrid cloud, AWS, Azure, GCP, Digital Ocean, Oracle Cloud, OpenStack, Terraform.

Virtualization

Proxmox, VMware vSphere, Docker, ContainerD, Podman, Dockerswarm, Xen, Redhat Virtualization

Containerization and Platform Engineering

Kubernetes, Amazon EKS, Google GKE, Azure AKS, Rancher, OpenShift, Docker, Helm, Kustomize, Amazon ECS, Fargate, Lambda

DevOps, GitOps Automation

GitHub Actions, GitLab CI/CD, ArgoCD, Jenkins, AWS CodeBuild, AWS CodePipeline, Flux, Azure Devops

Progressive Delivery, Service Mesh, Ingress

Istio, Linkerd, Argo Rollouts, Blue-Green, Canary Releases, Traffic Shifting, ALB Ingress Controller

AWS Cost & Governance

AWS Cost Explorer, Budgets, Tags, Spot, Savings Plans, Reserved Instances, Karpenter, KubeCost

Observability & Reliability

New Relic, Prometheus, Grafana, Sentry, PagerDuty, Open Telemetry, Sumo Logic, Datadog

Security, DevSecOps & Governance

IAM, RBAC, SSO

Data Platforms, Storage, Backup & Recovery

Aurora, RDS, MySQL, Redis, OpenSearch, RabbitMQ, Kafka, AWS Backup, Snapshots, Velero

VPN & Gatekeeper

Twingate, Tailscale, OpenVPN, Zitadel, OPA

Operating System & System Administration

Redhat, Oracle Linux, Ubuntu, Alpine, Amazon Linux, Troubleshooting - Disk, Process, CPU, Memory

Thanks

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