

Kartikey Tripathi

Cloud & DevOps Engineer

Hyderabad, Telangana, India | +91 90449 81997 | contact@kartikeytripathi.in
[linkedin.com/in/kartikeytripathi](https://www.linkedin.com/in/kartikeytripathi) | github.com/kartikeytripathi | kartikeytripathi.in

SUMMARY

Cloud and DevOps Engineer with 6.5+ years across AWS, containerization, and cloud-native architectures, backed by deep managed-database and data-platform experience. Focused on Amazon EKS, ECS, and microservices, with a passion for automation and performance tuning.

EDUCATION

Guru Gobind Singh Indraprastha University New Delhi, India
Bachelor of Computer Applications (BCA) 2016 – 2019
GPA: 8.9 / 10

PROFESSIONAL EXPERIENCE

Amazon Web Services (AWS) Hyderabad, India
Cloud Engineer – Containers Feb 2026 – Present

- Support enterprise customers running production workloads on Amazon EKS, ECS, and ECR.
- Troubleshoot and resolve complex Kubernetes and container orchestration issues in production environments.
- Guide customers through container migration strategies and best-practice architecture reviews.
- Collaborate with internal AWS service teams to escalate and resolve platform-level issues.

Amazon Web Services (AWS) Bangalore, India
Cloud Database Engineer Jun 2024 – Feb 2026

- Supported customers on RDS (MySQL, PostgreSQL, Oracle, SQL Server), Aurora, and DMS in production.
- Resolved critical database incidents: replication failures, performance degradation, and connectivity issues.
- Authored an AWS Knowledge Center article and video on connecting to private RDS via EC2 Instance Connect Endpoint.
- Collaborated with AWS service teams to escalate product bugs and design on-prem-to-AWS database migration paths.

IQVIA Bangalore, India
Software Developer Nov 2021 – Jun 2024

- Built and optimized data pipelines and ETL workflows for healthcare customers using Snowflake, SQL, and cloud tools.
- Contributed to data warehousing and migration projects, improving data reliability and query performance.
- Implemented data-governance practices for healthcare compliance and turned business requirements into scalable solutions.
- Maintained and tuned relational databases including Oracle and SQL Server for large-scale analytical workloads.

Wipro Bangalore, India
SQL Database Administrator Jul 2019 – Nov 2021

- Managed SQL Server instances including installation, configuration, patching, and upgrades for enterprise clients.
- Monitored database performance and implemented tuning strategies to reduce query latency.
- Designed backup/recovery procedures meeting RPO/RTO targets and supported migrations across dev, staging, and production.

PROJECTS

KubeForge – kubeforge.kartikeytripathi.in

- Built a hands-on Kubernetes & EKS learning platform with 38 labs across 4 phases, from core concepts to production deep dives.
- Every concept ships with a lab and every lab has automated verification — built for engineers pursuing the CKA or DevOps.

CERTIFICATIONS & AWARDS

AWS Certified Solutions Architect – Associate — Amazon Web Services 2024
AWS Certified AI Practitioner — Amazon Web Services Oct 2024 – Oct 2027
AWS Certified Cloud Practitioner — Amazon Web Services 2022
OCI 2023 Certified Foundations Associate — Oracle 2023

TECHNICAL SKILLS

Cloud & DevOps: AWS, Kubernetes, Docker, Terraform, Ansible, Jenkins, GitHub Actions, Git, Linux
Databases: MySQL, PostgreSQL, SQL Server, Oracle, Snowflake
Languages & Web: Python, TypeScript, Next.js, Tailwind CSS