

ACHANANDHI M

Cloud & DevOps Engineer · AWS | Kubernetes | Data Platforms

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SUMMARY

Cloud and DevOps engineer with 2.5+ years of experience designing and operating solutions on AWS and Kubernetes. Currently at EY delivering enterprise data archival on AWS for Merck, a global pharmaceutical client — leading intake analysis across diverse data sources and executing secure, large-scale archival to Amazon S3 with AWS DataSync. Background spans cloud-native SaaS platforms, serverless data pipelines, and developer advocacy. Active open-source contributor and community organizer (OpenSearch, Valkey Grafana user groups) with strong technical communication skills.

TECHNICAL SKILLS

- **AWS:** Amazon S3, Bedrock, AWS DataSync, Glue, Athena, EC2, EKS, Lambda, CloudWatch; also Azure, GCP, DigitalOcean
- **Containers & Orchestration:** Kubernetes, Docker, K3s, Cloud Native Buildpacks, Tekton, Epinio, Helm
- **DevOps & Programming:** CI/CD, Linux, Git, Python, Go (Cobra), automation & infrastructure reliability
- **Observability & GenAI:** Grafana, OpenSearch, AI agents on edge devices with Kubernetes, Ollama, RAG, Agentic AI

PROFESSIONAL EXPERIENCE

Advanced Analyst — Cloud & Data | EY (Client: Merck) Feb 2026 – Present

- Deliver enterprise data archival on AWS for Merck, a global pharmaceutical client, owning the archival lifecycle from data intake analysis through secure long-term storage in Amazon S3.
- Perform intake analysis across heterogeneous data types and source systems — assessing structure, volume, and retention needs to define the right archival approach for each dataset in a compliance-sensitive pharma environment.
- Execute large-scale, verified data transfers to Amazon S3 using AWS DataSync, ensuring data integrity and secure, auditable movement of client data.
- Support DevOps consulting engagements — improving automation, CI/CD workflows, and cloud-native deployment practices across client environments.

Developer Advocate | Keploy (open-source API testing platform) Apr 2025 – Feb 2026

- Owned the documentation website end to end — published Quickstart guides and technical blogs that reduced onboarding friction for new users and contributors.
- Led partnerships with external developer communities and represented the platform at developer events, translating product capabilities into clear technical narratives.
- Built and nurtured an active open-source contributor community around the project.

DevOps Engineer | Itransz Esolutions Feb 2024 – Dec 2024

- Built and operated a cloud-native SaaS product on Kubernetes, covering deployment, scalability, and day-2 operations.
- Developed a Go (Cobra) CLI that let developers and teams interact with the platform easily; integrated CNCF tooling — K3s, Buildpacks, Epinio, Tekton — into build and delivery workflows.
- Designed serverless data analytics workflows on AWS (S3, Glue, Athena) that transformed raw application logs into queryable insights for data-driven decisions.

OPEN SOURCE & COMMUNITY LEADERSHIP

- Organizer, OpenSearch User Group — Bengaluru & Chennai (Jun 2025 – Present)
- Organizer, Valkey User Group — Bengaluru & Chennai (May 2026 – Present)
- Organizer, Grafana User Group Chennai (Sep 2024 – Mar 2025) · Volunteer, KCD Chennai (Dec 2024 – Present)
- Contributor to open-source projects including Kubernetes, Valkey, Kagent, Keploy, Crossplane, Spinkube and OpenLit

PROJECTS

- **AWS Log Management Pipeline** — automated log ingestion and analytics pipeline built on AWS services ([GitHub](#))
- **Full-Stack Azure AKS Application** — full-stack app on Azure Kubernetes Service with IaC and end-to-end CI/CD ([GitHub](#))
- **YouTube Watch MCP Server** — MCP server that lets AI assistants track favorite YouTube creators and report new uploads ([GitHub](#))

EDUCATION

B.E. Computer Science & Engineering · University College of Engineering Villupuram · CGPA 8.7 Aug 2020 – May 2024