

HARIHARAN J

CloudEngineer | AWS Certified Cloud Practitioner | Google Associate Cloud Engineer

Madurai, Tamil Nadu, India | +91-9500963476 | jhariharancse@gmail.com |
[linkedin.com/in/hariharan-j-2a909a290](https://www.linkedin.com/in/hariharan-j-2a909a290) | <https://github.com/cloudy-fix>

PROFESSIONAL SUMMARY

Cloud engineering fresher with hands-on experience administering AWS and Google Cloud infrastructure — IAM, VPC, DNS, VPN, database migration, load balancing, and Linux operations. AWS Certified Cloud Practitioner and Google Associate Cloud Engineer with a Cybersecurity Engineering foundation and backend automation experience in Python and FastAPI. Currently building working knowledge of Oracle Cloud Infrastructure (OCI) and IBM cloud — to extend existing multi-cloud administration skills to Oracle Cloud environments.

TECHNICAL SKILLS

Cloud Platforms: Amazon Web Services (AWS), Google Cloud Platform (GCP), Oracle Cloud Infrastructure (OCI – in progress), IBM cloud (in progress)

Cloud Administration: IAM, VPC/VCN, Compute (EC2 / Compute Engine), Object & Cloud Storage, Cloud DNS, Route 53, Cloud SQL, Load Balancing, Security Groups, Monitoring

Automation & IaC: Terraform, Docker, Kubernetes, GitHub Actions, AWS CodePipeline, CI/CD, Bash Scripting

Networking & Security: VPN (HA VPN, Site-to-Site), BGP, SSL/TLS, DNS Migration, Subnetting & Routing, Least-Privilege Access Control

Programming: Python, Bash, FastAPI, REST APIs, Java, PostgreSQL, Linux Administration, Git

PROFESSIONAL EXPERIENCE

Cloud Engineer Intern

Cloud Ambassadors, Google Cloud Partner | Jan 2026 – Present

- Provision and administer Compute Engine, Cloud Storage, IAM roles, VPC networks, firewall rules, and secure access policies.
- Support AWS and GCP infrastructure operations across networking, IAM, DNS, load balancing, VPN, and migration workflows, including troubleshooting.
- Configure Cloud DNS and Route 53 records, HTTPS load balancer validation, and SSL/TLS certificate workflows.
- Apply Docker, Kubernetes/GKE, Linux, Git, Bash, and Terraform fundamentals for infrastructure automation.

Backend Developer

Chella Corporations | Jul 2025 – Dec 2025

- Developed REST APIs using Python and FastAPI for an AI-driven medical platform.
- Implemented secure authentication, service integration, database integration, and debugging for production systems.
- Deployed and maintained backend services on Linux servers, strengthening cloud operations readiness.

AI Application Developer Intern

Infosys Springboard | Sep 2025 – Nov 2025

- Built a RAG-based compliance checker for automated document retrieval, analysis, and scoring.
- Integrated GPT-based workflows that improved compliance review efficiency by 70%.

PROJECT HIGHLIGHTS

- **AWS Route 53 to Google Cloud DNS Migration** — Documented a zero-downtime domain migration covering DNS inventory, Cloud DNS zone setup, record replication, NS cutover, validation, and rollback planning.
- **Private AWS RDS to GCP Cloud SQL Migration** — Designed a private PostgreSQL migration using VPC/VGW, HA VPN, IPsec, BGP, Private Services Access, and Database Migration Service.
- **Private Cloud Storage Behind Load Balancer** — Built a private storage access pattern using a global external load balancer with backend bucket validation.
- **AWS to GCP Site-to-Site VPN** — Configured hybrid-cloud VPN connectivity with secure tunnel setup, routing, and validation.
- **Swiggy demo application deployment on AWS and migration to GCP** — Created the infrastructure in production level with sonar qube, trivy and OWASP for testing code quality and image. Configured with blue green deployment and migrated same in gcp as well

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Google Associate Cloud Engineer
- AWS re/Start Cloud Practitioner — TN Skill Corporation (Grade A+, 98%)
- Google Cloud Digital Leader Learning Path
- Google Professional Cloud Architect Learning Path
- Google professional Cloud Security Engineering Learning path (in progress)

EDUCATION

- B.E. Cybersecurity Engineering — J.J. College of Engineering and Technology, Anna University 2022 – 2026, CGPA: 9.0 / 10.