

ICHITH RAMANNA

DevOps / Cloud Engineer · AWS · Terraform · CI/CD

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📄 EU Work Authorized (Willing to relocate) 🔗 ichith.it

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PROFESSIONAL SUMMARY

DevOps / Cloud Engineer who builds and operates production AWS infrastructure end to end — from networking and compute to automated failover and CI/CD pipelines. Sole technical owner at a founding-stage business for 3 years. EU-based and open to relocation across Europe.

EXPERIENCE

Infrastructure & Operations Lead, *Texiptag Srl*

11/2022 – 01/2026

Fidenza, Italy

- Joined at founding as the sole technical hire; owned all AWS infrastructure, deployments, incident response, and operational reliability end to end.
- Deployed and operated production AWS order management system serving 60+ users (vendors, drivers, internal team) with role-based access and real-time order tracking.
- Built Python/Bash automation pipelines reducing manual effort by 80%; maintained Linux ETL and monitoring jobs.
- Managed full delivery lifecycle: coordinated stakeholders, translated operational requirements into system features.

Engineer → DevOps Engineer, *Intenso Tech Solution*

11/2020 – 10/2022

Bengaluru, India

- Progressed from Engineer to DevOps Engineer within 1 year, gaining foundational hands-on experience with cloud infrastructure and deployment workflows.
- Supported Linux-based application deployments; maintained server environments, log management, and scheduled jobs.
- Assisted in setting up Jenkins CI/CD pipelines and worked with Docker containers for application packaging and deployment.
- Collaborated with development teams on AWS environment configuration (EC2, S3, IAM) for staging and production.

Automation Engineer, *KPIT Technologies*

03/2019 – 06/2020

Bengaluru, India

- Built Python automation tools for ECU diagnostic validation; reduced manual validation time by 65% via Bash/pytest pipelines in Linux environments.

PROJECT

Three-Tier AWS Architecture + Active/Passive Multi-Region DR 📄,

Terraform · Aurora Global · Global Accelerator · SQS · Lambda · CloudWatch · Docker · Jenkins · GitHub Actions

- Full three-tier AWS architecture (S3+CloudFront frontend, Dockerized FastAPI on EC2 ASG behind ALB, Aurora Global Database) provisioned via Terraform IaC across two regions.
- Active/passive DR: RTO < 40s via Global Accelerator; RPO < 1s via Aurora Global sub-second replication.
- SQS write-buffering during Aurora promotion — zero data loss on failover; automated via CloudWatch → Lambda chain.
- Full Jenkins CI/CD pipeline and GitHub Actions workflows for infrastructure deployment and application delivery.

SKILLS

Cloud

AWS (EC2, ALB, ASG, VPC, S3, CloudFront, Route53, RDS, Aurora Global, ECR, ACM, IAM, Lambda, SQS, Global Accelerator)

CI/CD

Jenkins · GitHub Actions

Monitoring

CloudWatch · Prometheus · Grafana

Systems

Linux · systemd · TCP/IP · DNS · Load Balancing

Containers

Docker · Kubernetes (EKS)

IaC

Terraform (modules, remote state, multi-region)

Scripting

Python (FastAPI) · Bash · Git

Languages

English (C1) · Italian (B1)

EDUCATION

B.E. Electronics & Communication Engineering,
Dayananda Sagar College of Engineering

2014 – 2018
Bengaluru, India