

Shathish Warma S

Tiruvannamalai, Tamil Nadu, India | ☎ +91-9629250300 | ✉ shathishwarma@gmail.com |

🔗 LinkedIn: linkedin.com/in/shathish-warma-s/ | GitHub: github.com/shathishwarma

Summary

Cloud DevOps and MLOps Engineer with nearly 3 years of experience deploying and managing scalable infrastructure on AWS and GCP. Proven expertise in CI/CD automation, Kubernetes (EKS, GKE), and GPU-backed AI/ML workflows. Deployed models using Hugging Face, TensorFlow, and SageMaker. Built automated pipelines for training, inference, and monitoring. Skilled in serverless deployment, instance lifecycle control (Boto3), and platform optimization.

Experience

NutriLab – MLOps & Deployment Engineer (Intern) (Remote, Singapore)

Jul 2025 – Present

- Advised on ML infrastructure and deployment pipelines.
- Supported remote cloud architecture and GPU setup.
- Volunteer contribution during a personal recovery period.

Qubrid AI – Cloud Developer (Remote, US)

Jun 2023 – Nov 2024

- Built SaaS platform for AI compute with GPU provisioning (H100, A100, V100).
- Integrated models like Mistral, Gemma, Stable Diffusion, Phi-3, and Hugging Face (BERT, GPT).
- Deployed models on Google Cloud Run and AWS SageMaker.
- Automated EC2 control using Boto3 (start, stop, resume).
- Used AWS S3, EBS for data storage; built usage dashboards and cost tracking.
- Ran quantum simulations using AWS Braket with both simulators and real QPUs.

ePaisa – Junior DevOps Engineer (Remote, Mumbai)

Feb 2022 – Nov 2022

- Created EKS clusters with Helm, CloudFormation, ECR, S3, and VPC setup.
- Deployed Flutter/web apps using Jenkins CI/CD and ECS Fargate.
- Migrated infra from GCP to AWS with minimal downtime.
- Managed production stack (LAMP), optimized NGINX with SSL and RBAC.
- Monitored apps via CloudWatch; fixed session stickiness and pod issues.
- Managed Firebase for mobile/web auth and real-time data sync.

Freelance – Cloud DevOps Engineer (Singapore)

Sep 2019 – Feb 2022

- Managed AWS and GCP resources for startups and internal teams.
- Deployed Kubernetes clusters; automated pipelines via Jenkins and Terraform.
- Reduced infra costs by 30% via cloud migration and auto-scaling.
- Provided 24/7 cloud ops and deployment support.

Technical Skills

- **Cloud:** AWS (EC2, S3, SageMaker, Lambda, Braket, EBS, IAM, CloudTrail), GCP (GKE, Cloud Run, Firebase, Compute Engine, Artifact Registry)
- **Containers & Orchestration:** Docker, Kubernetes (EKS, GKE), ECS Fargate, Helm, ECR
- **Machine Learning & GenAI:** Hugging Face (BERT, GPT), TensorFlow, PyTorch, scikit-learn, Stable Diffusion, SageMaker (training & inference), Retrieval-Augmented Generation (RAG – familiar), Prompt Engineering, LangChain (learning)
- **CI/CD & Infrastructure as Code:** Jenkins, GitHub Actions, GitLab CI, Terraform, AWS CloudFormation, Ansible(basics)
- **Scripting & Automation:** Python, Bash Scripting, YAML, Go(basics).
- **Monitoring & Observability:** AWS CloudWatch, Datadog, New Relic, Custom dashboards for usage & cost tracking
- **Storage & Databases:** AWS S3, Amazon EBS, RDS, MongoDB Atlas, Firebase Realtime Database
- **Networking & Security:** Route 53, SSL/TLS, IAM (AWS/GCP), NGINX (reverse proxy with SSL), CloudFront (CDN)
- **Hardware & GPUs:** NVIDIA A100, V100, H100, L40s, L4, A10, T4

Education

B.E. in Electronics & Communication – Kumaraguru College of Technology, Anna University

Diploma in ECE – DOTE, Tamil Nadu | HSC – SRGDS Matric Hr. Sec School, Tiruvannamalai

Role Fit: GenAI & MLOps Engineer

- Deployed GenAI models like Mistral, Gemma, Stable Diffusion, and Code LLaMA using SageMaker, Cloud Run, and ECS Fargate.
- Integrated Hugging Face models and applied prompt tuning for improved performance.
- Familiar with RAG workflows and LangChain; exploring AWS Bedrock for enterprise-grade GenAI deployments.
- Built and maintained internal ML serving platforms with GPU orchestration and cost tracking.
- Used Docker for containerization and deployed services using IaC with Terraform and CloudFormation.
- Performed end-to-end monitoring with CloudWatch, Datadog, and internal tools.
- Strong Python skills with ML tools (pandas, scikit-learn) and automation via Boto3 and Bash scripting.
- Comfortable working with AWS Lambda, Firebase, IAM, SSL, and distributed systems.
- Experienced in documenting systems, collaborating in remote teams, and owning deliverables independently.