

Satya Tulasi Jalandhar C H

Cloud & DevOps Engineer
Karnataka, India satyatulasijalandharch2@gmail.com +91 9110458836 https://stjch.in
https://linkedin.com/in/satyatulasijalandharch https://github.com/satyatulasijalandharch

SUMMARY

Cloud & DevOps Engineer with 2+ years of experience building and automating high-availability cloud infrastructure on **AWS**. Proven track record provisioning modular environments via **Terraform** and **AWS CDK**, orchestrating secretless **GitHub Actions CI/CD** pipelines, and tuning production **Linux/Nginx** systems. Specialized in architecting resilient serverless APIs (**Lambda**, **API Gateway**, **DynamoDB**) and integrating **Amazon Bedrock** foundation models to drive operational efficiency and cost optimization.

TECHNICAL SKILLS

Cloud Infrastructure (AWS) EC2, VPC, S3, Lambda, API Gateway, AppSync, DynamoDB, CloudFront, Route 53, CloudWatch, IAM, AWS Organizations, IAM Identity Center, Amazon Bedrock	Infrastructure as Code (IaC) Terraform, AWS CDK v2 (Python, TypeScript), CloudFormation
CI/CD & Automation GitHub Actions (OIDC Federation, Reusable Workflows), Docker Buildx, Semantic Release, Bash, Python	Linux & Web Servers Linux (Ubuntu, Debian), Nginx (Reverse Proxy, SSL/TLS, WebSockets), PM2, Systemd, SSH
Containers & Runtime Docker, Docker Compose, Multi-stage builds, Container Networking	Databases & Storage DynamoDB (Single-table, PITR, GSIs), Aurora Serverless v2, PostgreSQL, Redis, S3

WORK EXPERIENCE

MaruMitra Cloud Engineer	Jaipur, Rajasthan, India Jul 2026 – Sep 2026
<ul style="list-style-type: none">Architected serverless cloud backends using AWS Amplify and AWS CDK, automating branch-based preview and production environments.Engineered high-throughput API workflows using AWS AppSync (GraphQL), Lambda, DynamoDB, and S3 with time-limited signed URLs.Integrated Amazon Bedrock models into serverless pipelines, automating delivery via GitHub Actions with build caching.	
CodeCafe Lab IT Solutions DevOps Engineer	Jaipur, Rajasthan, India Feb 2026 – Jul 2026
<ul style="list-style-type: none">Engineered secure application networking across AWS Route 53, Cloudflare, and AWS Security Groups, managing DNS routing, SSL/TLS termination, and origin server access restriction.Provisioned and configured AWS EC2 (Ubuntu) production hosting environments using Terraform, managing server hardening and process dependencies.Engineered zero-downtime CI/CD via GitHub Actions and PM2 clustering, sustaining 99.9% uptime across 15+ services.Tuned Nginx reverse proxies for WebSocket upgrades and request routing; centralized AWS account access via AWS Organizations and IAM Identity Center (SSO).	
TezHire DevOps Engineer	Jaipur, Rajasthan, India Apr 2024 – Sep 2025
<ul style="list-style-type: none">Built modular, multi-environment cloud infrastructure using AWS CDK v2 and Terraform, cutting provisioning errors by 50%.Implemented secretless CI/CD in GitHub Actions via AWS IAM OIDC federation, eliminating static AWS access keys.Cut compute costs and eliminated cold starts on high-traffic paths via direct API Gateway to DynamoDB/S3 VTL mapping templates.Deployed on-demand data storage with DynamoDB (PITR, TTL, GSIs) and Aurora Serverless v2, reducing monthly AWS database spend by 30%.Integrated Amazon Bedrock for automated API evaluations and centralized monitoring via CloudWatch alarms/dashboards, reducing MTTR by 45%.	

EDUCATION

R L Jalappa Institute Of Technology Computer Science and Engineering	Bachelor of Engineering Bengaluru, Karnataka, India • 2020 – 2024
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