MUNGARA HITHESH YADAV

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PROFESSIONAL SUMMARY

Results-driven **Site Reliability Engineer (SRE) / DevOps Engineer** with 2+ years of hands-on experience supporting large-scale cloud-native and AI-enabled platforms. Strong expertise in **AWS cloud infrastructure, CI/CD automation, Terraform (IaC), Kubernetes, Docker, and monitoring**. Proven ability to improve system reliability, optimize cloud costs, automate deployments, and support **AI-driven applications** with high availability, security, and compliance. Well-versed in enterprise DevOps/SRE best practices and production support.

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, S3, ELB, Auto Scaling, IAM, VPC, KMS, SQS, SNS, Route 53, Secrets Manager, CloudWatch)
Containers & Orchestration: Docker, Kubernetes, Amazon ECS (Fargate)
CI/CD & Automation: Jenkins, GitHub Actions, Maven, Ansible, SonarQube, JFrog, Terraform, YAML
Infrastructure as Code (IaC): Terraform, CloudFormation, YAML
Monitoring & Logging: Datadog, Amazon CloudWatch, Log Analytics
Configuration Management: Terraform, Ansible
Ticketing & Incident Management: ServiceNow
Operating Systems: Linux (Ubuntu, Red Hat, CentOS)
Soft Skills: Troubleshooting, Automation, Collaboration, Documentation, Incident Management, System Design

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PROFESSIONAL EXPERIENCE

Site Reliability Engineer / DevOps Engineer

Thomson Reuters International Services Pvt. Ltd. – Bengaluru
Nov 2023 – Present

Project 1: Checkpoint Edge (Tax & Accounting Platform) - Led **AWS cost optimization initiatives**, reducing infrastructure spend by **15%** through right-sizing and efficient resource utilization. - Automated infrastructure provisioning and deployments for **EC2, Lambda, and ECS (Fargate)** using **Terraform and YAML**, ensuring consistent and repeatable environments. - Designed, built, and maintained **CI/CD pipelines** using **Jenkins and GitHub Actions**, enabling faster and more reliable releases across Dev, QED, Pre-Prod, and Production. - Migrated legacy Jenkins infrastructure to **AWS cloud with GitHub Actions**,

improving scalability and deployment efficiency. - Managed enterprise-grade AWS services including **EC2, ELB, Auto Scaling, S3, Glacier, IAM, KMS, Secrets Manager, and VPC** for production workloads. - Performed **Linux system administration** across Ubuntu, Red Hat, and CentOS servers, maintaining **99.9% uptime**. - Integrated **ServiceNow** for change, incident, and release management, improving operational compliance and traceability. - Supported zero-downtime deployments and coordinated multi-environment releases.

Project 2: Materia (CoCounselTax AI) – AI-Powered Tax Advisory Platform
Nov 2024 – Present - Supported an **AI-driven web application** designed to assist customers with complex **tax and compliance queries**. - Managed **scalable and secure AWS infrastructure** for AI workloads, ensuring **high availability, reliability, and data security**. - Automated **environment provisioning and deployments** using **Terraform and CI/CD pipelines**, improving deployment consistency and speed. - Implemented **monitoring and centralized logging** for AI services using **Datadog and Amazon CloudWatch**, enabling proactive issue detection. - Collaborated closely with **AI/ML engineers and application teams** to ensure performance, reliability, and compliance of AI systems. - Implemented **secure access controls, secrets management, and cost-optimized cloud architectures** for AI-enabled services.

EDUCATION

Bachelor of Engineering (B.E.) – Electronics and Communication Engineering
R.M.K College of Engineering and Technology, Chennai
Aug 2019 – Apr 2023 | **CGPA:** 7.82

Intermediate
Narayana Junior College, Nellore | 2017 – 2019 | **CGPA:** 8.6

SSC (Secondary School Certificate)
Ratnam High School, Nellore | 2016 – 2017 | **CGPA:** 8.3

CERTIFICATIONS & CREDENTIALS

- Datadog 101: Site Reliability Engineer – Monitoring and Observability
- AWS Cloud Practitioner Essentials
- AWS Cloud Solution Architecture (Course Completion)
- Generative AI Fundamentals – Google Cloud

EVENTS & PROFESSIONAL DEVELOPMENT

- **AWS AI Conclave 2026 – Bengaluru (Jan 22, 2026):** Gained insights into **Generative AI, AWS AI services, and enterprise AI adoption strategies**.

KEY ACHIEVEMENTS

- Reduced infrastructure deployment time through **CI/CD and Terraform-based automation**.
- Implemented **Infrastructure as Code (IaC)** practices ensuring zero configuration drift.
- Maintained **99.9% uptime** during critical production releases.
- Achieved **15% AWS cost savings** while maintaining performance and reliability.