

GADIDAMALLA THANGELLA

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Portfolio: <https://thangella-portfolio.vercel.app/>

PROFESSIONAL SUMMARY

Computer Science (BSc Hons) graduate with hands-on experience in DevOps, AWS Cloud, IT Operations, and foundational Data Analytics. Skilled in CI/CD pipelines, Terraform automation, Linux administration, Docker/Kubernetes orchestration, and monitoring tools. Quick learner, adaptable to new technologies and company-specific workflows. Seeking fresher roles where I can contribute and upskill.

Target Roles: DevOps Engineer | Cloud Support Engineer | IT Operations | System Engineer | Junior SRE

CORE TECHNICAL SKILLS

DevOps & IaC: Terraform, Git, Jenkins, Maven, Docker, Kubernetes, Ansible, Argo CD, Nexus, CI/CD

Cloud (AWS): EC2, S3, IAM, RDS, VPC, ALB, EBS, AWS CLI, CloudWatch

Operating Systems: Linux (Ubuntu/RHEL), Windows, Shell Scripting

Monitoring & Logging: Prometheus, Grafana, Kops, CloudWatch

Programming & Data Skills: SQL, MySQL, Power BI (Auxiliary), C, C++, Java (Basic), HTML/CSS/JS

PROJECTS & AUTOMATION EXPERIENCE

1. AWS DevOps CI/CD Pipeline with Blue/Green Deployment

Tools: AWS, Jenkins, Maven, Git, CodeDeploy, Terraform, S3, Tomcat

- Automated end-to-end AWS infrastructure provisioning with Terraform integrated with Jenkins.
- Built CI/CD pipeline to compile Java apps (Maven), manage artifacts (S3/Nexus), and deploy on EC2.
- Implemented Blue/Green Deployment using CodeDeploy for near-zero downtime.
- Configured CloudWatch alerts for deployment health and resource utilization.

Impact: Reduced manual deployment time by 60% while ensuring high availability.

2. Kubernetes Cluster Deployment with Observability

Tools: Kops, Kubernetes, Docker, Prometheus, Grafana, AWS

- Deployed multi-node Kubernetes cluster on AWS.
- Containerized applications using Docker and deployed via Helm charts.
- Configured Prometheus metrics and Grafana dashboards for real-time visualization.
Impact: Demonstrated cluster management, scaling, and observability required for SRE roles.

3. Automated 3-Tier Application Architecture on AWS

Tools: Terraform, AWS VPC, EC2, RDS, ALB, Ansible

- Built 3-tier architecture (Web → App → Database) using Terraform modules.
- Automated setup of VPC, subnets, EC2, ALB, and RDS.
- Used Ansible for server configuration and dependency installation.
Impact: Delivered consistent, secure, and fully automated infrastructure.

4. Business KPI Dashboard (Auxiliary Data Project)

Tools: Power BI, Tableau, SQL, Excel, MySQL

- Cleaned datasets using SQL and Excel.
- Built dashboards in Power BI/Tableau to visualize KPIs and trends.
Impact: Showcased ability to analyze data, generate insights, and support decision-making.

EDUCATION

BSc (Hons) – Computer Science — 2024

Backstage Pass Institute of Gaming

Intermediate – MPC

Sri Gayatri Junior College

SSC

Lotus Lap Public School

LANGUAGES

English | Hindi | Telugu