

Tarkesh H D

Computer Science & Engineering Graduate
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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

OBJECTIVE

Dedicated AWS and DevOps Intern with hands-on experience. Proficient in Cloud Infrastructure Management, CI/CD Pipelines, and Infrastructure as Code (IaC) practices and having hands-on experience on AWS EC2, Route 53, Git. Collaborative team player with a quick learning attitude, eager to contribute to Cloud and DevOps projects and support organization goals.

PROFESSIONAL SKILLS

Cloud Platforms & Services

- **Amazon Web Services (AWS):** EC2, S3, RDS, Lambda, EFS, EBS, VPC, IAM, Route53, CloudFormation, CloudWatch, AWS Glue, EMR

DevOps Tools & Practices

- **CI/CD Pipelines:** Jenkins, GitHub Actions, AWS CodePipeline
- **Containerization:** Docker, Kubernetes, Amazon ECS
- **Infrastructure as Code (IaC):** Terraform (Basics), CloudFormation
- **Monitoring & Logging:** AWS CloudWatch, Prometheus, Grafana, ELK Stack
- **Version Control:** Git, GitHub
- **Automation Tools:** Ansible

Programming Languages

- **Python**, Groovy Scripting, YAML, Bash

Databases & Operating Systems

- **SQL:** MySQL
- **Linux** (Ubuntu, CentOS, Red Hat), **Windows**

INTERNSHIP

AWS DevOps Intern

MicroDegree | Bangalore

Aug, 2024 - Present

- Good hands-on experience in AWS Services Like-EC2, VPC, S3, RDS, IAM, AWS Lambda, Elastic Load Balancer, Auto-Scaling, AWS Cloudwatch and Route 53.
- Knowledge of creating custom Docker Images using Docker file and creating Docker Volume and Docker Networking.
- Having knowledge of Container Management and Orchestration Software like Dockers, Kubernetes and Terraform.
- Proficient in using the Git version control system. Familiarity with Nginx and Apache Tomcat.
- Having hands-on experience in Software Configuration Management and DevOps engineering.
- Automated the deployment of a web application to AWS using a CI/CD pipeline that reduces deployment time from several hours to minutes.

Data Science and Machine Learning

Abeyaantrix Softlabs | Davangere

Aug, 2023 – Oct, 2023

- I worked on a Loan Prediction System using Data Science and Machine Learning techniques, leveraging Python for data preprocessing and model development.
- This internship helped me enhance my skills in applying machine learning algorithms to real-world problems, particularly in financial data prediction and analysis.

PROJECTS

AWS Continuous Integration and Deployment Pipeline

- Designed and implemented CI/CD pipelines using AWS services like CodeCommit, CodePipeline, and CodeBuild for efficient deployment and code quality assurance.

Cloud-Enabled Web Infrastructure Deployment Project

- Devised and implemented AWS cloud infrastructure using VPC, S3, EFS, EC2, RDS, and ALB for scalability and optimization.
- Deployed NGINX on EC2, set up RDS with Read Replica, and integrated ASG for auto-scaling. Configured Route 53 and CloudFront for domain management and optimized content delivery.

Three Tier Web-Applications

- Established a VPC with 3 public and 3 private subnets in one region.
- Configured Internet and NAT Gateways for external connectivity.
- implemented separate Route Tables and Security Groups for public and private access deployed EC2 instances and set up a Load Balancer for efficient management.

CERTIFICATIONS

- AWS Solutions Architect | MicroDegree
- DevOps Engineer | MicroDegree
- SQL Certification | HackerRank
- Solutions Architecture Job Simulation | AWS
- Python Programming Certification | Great Learning

EDUCATION

B.E. in Computer Science & Engineering

Jain Institute of Technology, Davangere

Graduated: May 2024

CGPA: 8

Pre-University Education

Vaishnavi Chethana PU College, Davangere

Percentage: 68.50%