Pragati K Yadahalli

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

DevOps | Docker | GitHub | Git | Kubernetes | CI/CD | GitHub | Cloud Computing | AWS Services | Jenkins | Ansible | Automation | Terraform | Python | JavaScript | Shell | Maven | Bash | Scripting | Linux | Monitoring | Prometheus | Grafana | Project Management | Time Management | Agile | Problem Solving

INTERNSHIP

AWS DevOps Intern

Microegree | 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.
- Familiar with the principles of CI/CD and how to apply them to automate the deployment process.
- 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.

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.
- Automated code builds, tests, and deployments with CodePipeline, CodeDeploy, and Docker, improving reliability and reducing manual errors.
- Enhanced security with automated code scans, image scanning, and vulnerability assessments during the build process.

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 (1 in public, 2 in private), and set up a Load Balancer for efficient management.

CERTIFICATIONS

- AWS Solutions Architect | MicroDegree
- DevOps Engineer | MicroDegree
- SQL and Java Certification | HackerRank
- AWS Cloud Practitioner | Coursera
- Python Programming Certification | Great Learning

EDUCATION

B.E. in Computer Science & Engineering
Jain Institute of Technology, Davangere
Graduated: May 2024   CGPA: 8.45

Pre-University Education
Shree Basaveshwara PU College, Davangere   Percentage: 80%