

SRIKANTH VASIREDDY

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OBJECTIVE

To pursue a challenging and satisfying career in the industry and to prove myself as a dedicated and worthy software engineer in a progressive organization that provides me an ambience to apply and enhance my knowledge and skills and be a member of a team that dynamically works towards the success and the growth of the organization.

EXPERIENCE SUMMARY

- **2 years** of experience in development projects focusing on **DevOps** and **Cloud technology**, primarily on **AWS**.
- Implemented **CI/CD pipelines** for continuous integration and deployment of **JavaScript-based applications** on **AWS**, ensuring efficient and reliable software delivery.
- Proficient in **AWS CloudFormation** for automating infrastructure provisioning, including analysis, and troubleshooting for seamless deployment and management.
- Hands-on experience in launching applications through both **Docker containers** and **EC2 instances**, ensuring optimal deployment strategies based on project requirements.
- Managed domain infrastructure, including creating and configuring **sub-domains** & implementing security measures such as **SSL/TLS certificates** and **DNSSEC** to safeguard domain assets.
- Configured and maintained **GitLab repositories** for projects, effectively managing access control and versioning for collaborative development workflows.
- Deployed and managed applications on **AWS Elastic Container Service (ECS)**, leveraging containerization technologies for improved scalability and resource utilization.
- Proficient **AWS architecture design**, utilizing tools such as **draw.io** to create comprehensive architectural diagrams for project planning and implementation.
- Configured and maintained **MongoDB Atlas databases**, optimizing performance & ensuring efficient data management for project requirements.
- Recognized as an excellent team member with strong **collaboration skills**, effectively balancing project workload and contributing to the success of cross-functional teams.

PROFESSIONAL EXPERIENCE

- Working as **Junior DevOps Engineer** with **Chakravuyha Software Technologies Pvt Ltd. Hyderabad** from 04th Aug 2022 to till Date.

CORE COMPETENCIES

Technologies	- DevOps, AWS
DevOps tools	- Docker, Git, GitHub, GitLab, Terraform, AWS CloudFormation, Amazon Elastic Container Service (ECS), CloudWatch, Jenkins, Kubernetes, Portainer, Putty, MobaXterm, draw.io
Operating Systems	- Linux (ubuntu)
Scripting Languages	- Bash (Shell Scripting)
Databases	- MongoDB Atlas, PostgreSQL

PROJECT DETAILS

a) **Project Name:** VALIDUS, DUBAI

Domain : Network Marketing

Work Nature : DevOps Engineer

Project Scope :

As a DevOps Engineer on the Validus project, I did the design & implementation of AWS Infrastructure using CloudFormation, which involving the Virtual Private Cloud (VPC), and did the configuration of IAM roles with required permissions, setting up ECR repositories for Docker images, and configuring S3 Bucket for storage, Configured ECS (Fargate) for application & API purposes, Configured CodeBuild with addition of cloning the code from GitLab which was also configured. I did Configured & managed EC2 Instances for critical components such as Bastion hosts for secure access, Crontab server for automated tasks, & Admin server for administrative operations. By implementing security measures, including an OpenVPN server for secure remote access & DNS management in Cloudflare for optimized routing & configured Website in EC2.

Technologies and Tools: AWS CloudFormation, ECS, EC2, ECR, Docker, GitLab, Cloudflare DNS, OpenVPN

Duration: Aug-2022 – Till Date

Responsibilities:

- Architecting & provisioning AWS Infrastructure.
- Automating processes with CI/CD Pipelines.
- Configuring & managing EC2 instances & ECS.
- Implementing security measures to safeguard infrastructure & data.
- Optimizing DNS management for efficient traffic routing.

b) **Project Name:** **INDT, DUBAI**

Domain : Stable Cryptocurrency

Work nature : DevOps Engineer

Project Scope :

This project was a creation of indtcoin, which is a stable cryptocurrency. I did the Implementation of AWS Infrastructure using CloudFormation, which involving the Virtual Private Cloud (VPC), & did the configuration of IAM roles, created ECR repositories for Docker Images, configured S3 Bucket, Configured ECS (Fargate) for Production, & did configured on EC2 for Dev & Stage environments purposes. Configured CodeBuild for pipelines for '3' environments. Configured & maintained the sub-domains CNAME, A, etc., for the project.

Technologies and Tools: AWS CloudFormation, ECS, EC2, ECR, Docker, GitLab, Cloudflare DNS.

Duration: March-2023 – Aug-2023

Responsibilities:

- Involved in Configuration of GitLab Repositories.
- Configured the AWS Infrastructure
- Configuring & maintaining Cloudflare DNS for Domain
- Configured & maintained dev, stage & prod environments
- Monitoring the Project Logs

c) **Project Name:** **ACCUREONE, DUBAI**

Domain : Digital Banking Made Easy

Work nature : DevOps Engineer

Project Scope:

Worked as DevOps engineer in creating the infrastructure in AWS Infrastructure using CloudFormation, which involving the Virtual Private Cloud (VPC), & did the configuration of IAM roles, created ECR repositories for Docker Images, configured S3 Bucket, Configured ECS (Fargate) for Production & did configure EC2 for test environment, Created the CodeBuild Pipelines for code automatic deployment. Configured & maintained the Domain using Cloudflare DNS. Configuration done for code storage purposes using Gitlab Repositories.

Technologies and Tools: AWS CloudFormation, ECS, EC2, ECR, Docker, GitLab, Cloudflare DNS, CloudWatch

Duration: May-2023 – Till Date

Responsibilities:

- Configured & maintained GitLab Repositories for Code.
- Configured & maintained AWS Infrastructure & Account

- Worked on Setup of test & production environments
- Done configured & maintained Domain using Cloudflare DNS
- Monitoring the Server logs using CloudWatch

d) **Project Name:** **DEVOTION TOURISM, DUBAI**

Domain : Travel & Tourism

Work nature : DevOps Engineer

Project Scope :

Worked as a DevOps Engineer in Devotiontourism project was a Travel & Tourism project, where it will provide the services like booking tour packages, visa approvals, etc. I designed the Architecture for this project, Configured the AWS Infrastructure including Virtual Private Cloud (VPC) using CloudFormation, deployed ECS (fargate) for Application & API, Configured EC2 for setup of Admin panel, website & these all are done by using Portainer of maintaining multiple Docker Containers, Configured Load Balancers, Configured & Maintained the MongoDB Atlas for Database purpose & Maintained Domain using Cloudflare DNS.

Technologies and Tools: AWS CloudFormation, ECS, ECR, EC2, Load Balancers, Docker, GitLab, Portainer, CloudWatch, MongoDB Atlas, Cloudflare, draw.io

Duration: October 2023 – Till Date

Responsibilities:

- Worked on Creating AWS Architecture for Project
- Configured AWS Infrastructure using AWS CloudFormation
- Configured & maintained MongoDB Atlas for Database
- Configured & maintained Multiple Docker Containers using Portainer
- Configured the ECS, EC2 for Application & API purpose.

e) **Project Name:** **WAVPE**

Domain : Business Networking Solution

Work nature : DevOps Engineer

Project Scope :

Worked as a DevOps Engineer, this project is a Company own project, the main purpose of this project is to reduce the maintenance, using multiple business cards & reducing the paper utilization. This project is mainly designed for reducing the handling & maintaining the multiple cards for Business Networking Solution purpose. Designed AWS Architecture using draw.io. maintaining the project AWS account.

Technologies and Tools: AWS CloudFormation, EC2, draw.io, CloudWatch Logs

Duration: Jan 2023 – Till Date

Responsibilities:

- Worked on Creating AWS Architecture design
- Configured & maintained EC2 Instances
- Monitoring the project using CloudWatch

f) **Project Name :** CEROHERO

Domain : Net-Zero Lifestyle

Work nature : DevOps Engineer

Project Scope:

Working as DevOps Engineer, this is a company's own project where it deals with the lifestyle of the people. It is mainly designed for the World Environment's nature impact purpose is to Set the Carbon emission footprints to be calculated & guiding everyone to the importance of plantation & workouts. I designed the AWS Architecture using AWS CloudFormation, Configured the EC2 servers for Prod & Stage Environments & Used the Python with Fastai for photo analysis of plants using the Machine Learning Model. Configured GitLab repositories for the Storage of the code. Configured the MongoDB Atlas for Database, later due to requirement, configured PostgreSQL Database & Domain using Cloudflare DNS.

Technologies and Tools: AWS CloudFormation, Docker, EC2 Servers, S3, GitLab, MongoDB Atlas, Draw.io, PostgreSQL, Cloudflare, CloudWatch

Duration: Dec-2023 – Till Date

Responsibilities:

- Worked on Creating the AWS Architecture design
- Configured AWS Infrastructure using CloudFormation
- Configured & maintained EC2 with installation of dependencies like 'Fastai' for Python
- Configured MongoDB Atlas for Database purpose
- Configured & Maintained Domain using Cloudflare DNS

g) **Project Name :** JUSTRIGHT INC, DUBAI

Domain : E-Commerce

Work nature : DevOps Engineer

Project Scope:

Working as DevOps Engineer, Justright Inc project is an E-Commerce Project, where it will sell goods. Configured AWS Infrastructure using AWS CloudFormation. Configured S3 bucket for storage purpose of products. Configured & maintained MongoDB Atlas for Database. Worked on Zoho Inventory and Books for stock inventory of items. Configured test environment & hosted website. Configured dev & prod environments in the aws cloud.

Technologies and Tools: AWS CloudFormation, EC2 Servers, S3, GitLab, MongoDB Atlas, Draw.io, Cloudflare, CloudWatch

Duration: Mar-2024 – Till Date

Responsibilities:

- Configured AWS infrastructure with CloudFormation.
- Managed MongoDB Atlas for database storage.
- Integrated Zoho Inventory for stock management.
- Automated deployments using CI/CD pipelines.
- Developed Bash scripts to streamline tasks.

h) **Project Name:** **FLIPDEALS, DUBAI**

Domain : E-Commerce

Work nature : DevOps Engineer

Project Scope :

Working as DevOps Engineer, Configured and maintained the dev & prod environment in AWS Cloud. Managed GitLab repositories for code version control. Handled domain configuration and management using Cloudflare DNS. Automated tasks using Bash scripts. Configured and optimized MongoDB for the project database.

Technologies and Tools: AWS CloudFormation, EC2 Servers, S3, GitLab, MongoDB, Draw.io, Cloudflare, CloudWatch

Duration: May-2024 – Till Date

Responsibilities:

- Configured and maintained the development environment in AWS Cloud.
- Managed GitLab repositories for version control and CI/CD pipelines.
- Configured and managed domain services using Cloudflare DNS.
- Developed and implemented Bash scripts to automate repetitive tasks.
- Set up, configured, and maintained MongoDB databases.
- Monitored and optimized cloud infrastructure for performance and scalability.
- Ensured smooth deployment and integration of code across environments.

i) **Project Name: BETECCAD, DUBAI**

Domain : E-Commerce

Work nature : DevOps Engineer

Project Scope :

Working as DevOps Engineer, Configured and set up AWS and Cloudflare accounts for an e-commerce site specializing in construction products. Managed GitLab repositories for version control and CI/CD pipelines. Configured domain mapping using Cloudflare to ensure secure and efficient routing. Focused on maintaining scalable, secure infrastructure to support site operations and transactions

Technologies and Tools: AWS CloudFormation, EC2 Servers, Cloudflare

Duration: July-2024 – Till Date

Responsibilities:

- Set up and configured AWS and Cloudflare accounts.
- Managed GitLab repositories and CI/CD pipelines.
- Mapped domain using Cloudflare for secure routing.
- Ensured scalable and secure infrastructure for e-commerce operations.
- Maintained infrastructure to support construction-related product sales.

EDUCATIONAL PROFILE

- MCA (Master of Computer Applications) with 8.5 points from Mahatma Gandhi University, MGU, TS
- BCom (Computers), Graduation with 9.23 points from Neelagiri Degree & P.G College.
- Intermediate with 83.4% from Pragathi Junior College, & SSC with 8.0 points from Ramagiri High School.

DECLARATION

I hereby assure that the above information is true to my knowledge and I will prove to be worthy of your confidence and satisfaction.