



Lokesh Kumar K



AWS Cloud Practitioner / Solutions Architect / DevOps – Associate

AWS Cloud enthusiast with who as an experience of more than 1 year in the field of AWS. Expertise in designing secure, cost-effective, and scalable solutions. Proficient in AWS services like EC2, S3, Lambda, RDS, VPC, and CloudFormation, I have a strong grasp of cloud concepts and a track record of complex project success. I collaborate well and excel in problem-solving, with deep AWS security and compliance knowledge.

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DEVOPS & AWS PROJECTS

Built a Terraform S3 Bucket Provisioning via AWS CLI

- Automated the creation and management of an AWS S3 bucket using Terraform, streamlining cloud infrastructure deployment.
- Utilized the AWS CLI for initial setup and verification of AWS credentials, ensuring secure and authenticated access.
- Executed Terraform commands via the AWS CLI to deploy, update, and destroy the S3 bucket infrastructure efficiently.

Deployed an Application in Amazon ECS with EC2 and DOCKER and Ansible

- Docker was used to containerize the application, ensuring that it runs consistently across different environments.
- Amazon EC2 instances were provisioned to act as hosts for the Docker containers, providing the underlying compute capacity.
- Utilized Amazon ECS to orchestrate and manage the deployment, ensuring seamless scaling and fault tolerance.
- Ansible was employed to automate the configuration of the EC2 instances, deployment of the Docker containers, and integration with ECS, reducing manual effort and minimizing errors.

Deployed an Application using Jenkins CI/CD pipeline with Docker

- Automating the CI/CD pipeline** with Jenkins to streamline the build, test, and deployment process.
- Containerizing the application** using Docker for consistent environments across development, testing, and production.
- Pushing the Docker image** to Docker Hub, ensuring easy access and deployment.
- Deploying on an EC2 instance**, demonstrating seamless integration between Jenkins, Docker, and cloud infrastructure.

Built a Chat Bot Using AWS services (Amazon Lex)

- Developed Intelligent Chatbot:** Designed and implemented a conversational chatbot using Amazon Lex to enhance user interaction and automate customer service inquiries, improving response time and efficiency.
- Integrated AWS Services:** Leveraged AWS Lambda for serverless backend logic, Amazon DynamoDB for scalable data storage, and Amazon CloudWatch for monitoring and logging, ensuring robust performance and scalability.

FULL-STACK PROJECTS

E-commerce Website (Pet Store)

- The Pet Store E-commerce Website is an online platform designed to offer a comprehensive range of pet products, personalized recommendations, and engaging content for pet owners.

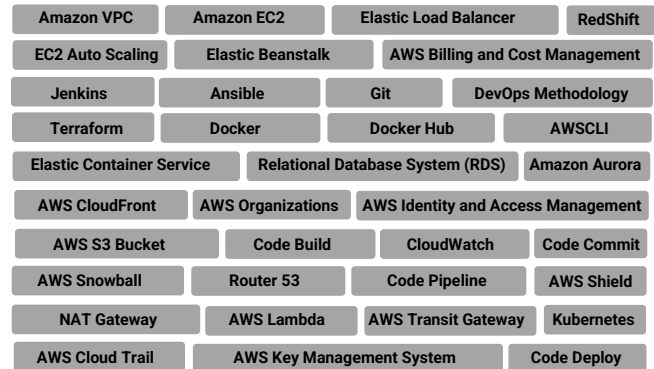
Ping Pong Game Using Python

- Developed a classic Ping Pong game using Python and the Pygame library, featuring single and multiplayer modes.
- It is a Basic website which includes APIs using methods

LANGUAGES

- English
- Tamil
- Kannada
- Telugu
- Hindi

KNOWLEDGE ON AWS SERVICES AND DEVOPS TOOLS



TECHNICAL SKILLS



EDUCATION

MASTERS IN COMPUTER APPLICATION (MCA) 2022 – 2024
Jain University
CGPA – 9.2

BACHELORS IN COMPUTER APPLICATION (BCA) 2019 – 2022
SVR College of Commerce and Management Studies
CGPA – 8.5

II PUC (CEBA) 2017 – 2019
SVR Pre-University College
Percentage – 81%

SSLC 2016 – 2017
St. Philomena's Group of institutions
Percentage – 78%

CERTIFICATES AND BADGES

- Certified for completing **CLOUD PRACTITIONER** In **AWS**
- Certified for completing **FULL STACK WITH AWS** Course in ITVEDANT
- Certified by **IBM** for completing **PYTHON** Course In ITVEDANT
- Certified for completing **PROBLEM SOLVING TECHNIQUES** Course in Linked In

HOBBIES

- Listening Music
- Cricket
- Travelling
- Reading Mythic Books