

Mirza Imran Baig

Phone: +91 6309821183

Email: er.imranbaig@gmail.com

LinkedIn: www.linkedin.com/in/imran-baig-96070120a

SUMMARY:

Certified Cloud Practitioner with a proven track record of successfully migrating, architecting and automating complex applications on AWS, Seeking to contribute my technical expertise and problem solving skills to a forward thinking organization.

INTERNSHIP:

- Intern as a Amazon Web Services (Associate Level) DevOps Engineer
(2023 September – Present)

PROJECTS:

Containerization and Deployment of Java application (Vprofile Application)

- By leveraging Docker and related tools the project seeks to address key challenges such as high operational costs, resource wastage , human errors in deployment , and environmental inconsistencies .
- Tools used in this project are Docker , Docker compose , Docker hub for containerization and image management . Java stack comprises of Nginx , Tomcat , Mysql and Memcached .
- Identification of base images from docker hub .
- Creating a Docker file and customizing the base images according to requirements of each application service .
- A docker compose YAML file to orchestrate the deployment of multiple containers .

Bastian Host or Jump server

Sept 2023 – Present

- Some resources cannot be accessed via internet like private network.
- Provided a secure public access to target resources that you cannot access from internet
- Created a public network (VPC), added an internet Gateway, added a NAT Gateway to the public network
- Using the public network connected to a private network(VPC)
- Here the Nat Gateway helps to block incoming traffic () and allows outgoing traffic
- Now we can access internal or private network from an external network or public network.

Hosted an E-Commerce website on AWS using Three-Tier Architecture:

Sept 2023 – Present

- Used a **Content Delivery Network (CDN)** to distribute the content globally with low latency and high transfer speeds.
- Managed domain registration and **DNS** for the website with **Route53**
- Distributed the incoming application traffic across multiple **EC2 instances** for load balancing and fault tolerance.
- Used **RDS** database which provides managed database solutions for **MySQL**.
- Implemented monitoring tool **Amazon Cloud Watch** to track performance metrics and to scale resources based on demand.

TECHNOLOGIES:

- Cloud Platforms : **Amazon Web Services (AWS)** – IAM , EC2, S3, RDS, ECS, SQS, SNS, Elastic Beanstalk, AWS Cloud formation.
- Scripting : **Python and shell Scripting**
- Operating System : **Linux (Ubuntu), Windows**
- SCM : **GIT , GitHub**
- CI TOOL : **Jenkins , Maven , SonarQube , Ansible**
- Containerization : **Docker**
- IAC : **Terraform**

EDUCATION:

Bachelor of Technology - 2019 – 2023
(Vaagdevi Engineering college, JNTUH)

PROJECTS:

Sentiment analysis of customer feedback on Restaurants. 2022june –2023july

- Helps businesses find common issues faced by customers.
- Build a prediction model to predict a review the restaurant is positive or negative.
- Used NLP and ML (Natural language processing and machine learning) on predefined Datasets
- We used predefined data sets as training dataset to train the model.
- Used NLP (Natural language processing) to fully analyze the text data.
- My role in this project was Data cleaning , collecting and creating datasets for the model.
- **Outcome** predicted the outcome weather its positive or negative from the feedback.

EXTRA CIRRICULAR ACTIVITIES:

- Attended AWS webinars and workshops to stay updated on the latest cloud innovations.
- Secured A top spot in Inter-school carrom competition.
- Volunteering and leading Volleyball team in High school.

Certification;

AWS Certified Cloud practitioner
Cloud Computing- Infosys
NDG Linux Essentials- Cisco Networking Academy
TCS ION Career Edge- Young Professional
Applied Data Science powered by IBM