

Krishna Rathod

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SUMMARY

Cloud computing enthusiast, highly motivated and ready to work in a challenging atmosphere with utmost sincerity and dedication, self-learner and capable of adapting new technologies. Have hands on experience on Google cloud platform, formally trained and certified for Architecting cloud infrastructure with Google cloud and managing security in Google cloud platform. Seeking opportunity in Cloud computing/Cloud Data pipelining/DevOps domains.

EDUCATION:

Bachelor of Engineering (Information Technology)

Vidyalanagr Institute of Technology, Mumbai (Accredited with A+ Grade by National Board of Accreditation, India for quality education)

Higher secondary education/12th grade (Science stream)

St. Mary's Junior college, Vashi

Secondary education/10th grade

I.E.S Navi Mumbai High School, Vashi

TECHNICAL PROFICIENCIES:

- **Programming Languages** :- Java, C++, Python, JavaScript
- **Databases** :- Oracle, Sqlite, NoSql, Firebase etc.
- **Web Frameworks /Technologies** :- Angular, React, Node Js, Django, Flask, HTML, CSS, jQuery, etc.
- **Cloud computing** :- Google cloud platform, Amazon web services.

PROJECTS

1. Project Title: Region based load balancing on Google cloud platform.

Project Description: Created scalable cloud infrastructure/tested workload for various locations. Deployed region-based load balancer for handling traffic from different regions of the world. Created Kubernetes pods and container-orchestration architecture.

2. Project Title : Migration of Apache spark based machine learning model to Google cloud platform (on GCP's Dataproc) (ML model: Home rental recommendations)

Project Description: Migrated data to Google cloud (BigQuery), Created data pipeline between ML model deployed on Google cloud and data in BigQuery.

3. Project Title : WorksApp – An Android application

Project Description: Created Android application. Used Google's Firebase for backend (cloud based Backend-as-a-Service) Created Android application for hiring daily wage skilled/semi-skilled workers.

4. Project Title : Django based site

Project Description: Created Django based web application using REST framework and other web technologies.

CERTIFICATIONS AND TRAINING

1.Security in Google Cloud Platform (Specialization by Google cloud training | coursera)

Through demonstrations and hands-on labs,I explored and deployed the components of a secure Google Cloud solution, including Cloud Identity, the GCP Resource Manager, Cloud IAM, Google Virtual Private Cloud firewalls, Google Cloud Load balancing, Cloud CDN, Cloud Storage access control technologies, Security Command Centre, Stackdriver, Security Keys, Customer-Supplied Encryption Keys, the Google Data Loss Prevention API, and Cloud Armor

2.Architecting with Google Compute Engine (Specialization by Google cloud training | coursera)

This specialization introduced me to the comprehensive and flexible infrastructure and platform services provided by Google Cloud Platform. Through a combination of presentations, demos, and hands-on labs, explored and deployed solution elements, including infrastructure components such as networks, systems, and applications services. This Specialization also covered deploying practical solutions including securely interconnecting networks, customer-supplied encryption keys, security and access management, quotas and billing, and resource monitoring

3.Managing Security in Google Cloud Platform (Sub course of Specialization)

Explored and deployed the components of a secure GCP solution, including Cloud Identity, the GCP Resource Manager, Cloud IAM, Google Virtual Private Cloud firewalls, Google Cloud Load balancing, Cloud CDN, Cloud Storage access control technologies, Stackdriver, Security Keys, Customer-Supplied Encryption Keys, the Google Data Loss Prevention API, and Cloud Armor. learned mitigations for attacks at many points in a GCP-based infrastructure.

3.Managing Security in Google Cloud Platform (Sub course of Specialization)

4. Ultimate AWS Certified Developer Associate 2020 – Training course for AWS certification

5. Complete JavaScript Course 2020

6. Data Engineering, Big Data, and Machine Learning on GCP (in progress)

Completion of hands on assessments and theory exam is expected by end of 15 Oct 2020.

PUBLICATION

- **WorksApp – An Android application for hiring daily wage skilled/semi-skilled workers.**
(International Research Journal of Engineering and Technology (IRJET) | **Impact factor 7.529**)

EXTRACURRICULAR ACTIVITIES

- **Technical head at Indian Society for Technical Education (2018-2019)**
(Professional Non-Profit Society)
- **Participated in Smart India Hackathon 2020**