Mohammed Tanveer

tanveer941@gmail.com
+91-7829435006
https://github.com/tanveer941

Professional Synopsis

- Over **6.5 years** of experience in developing and maintaining large complex applications having heterogeneous architecture, multiple interfaces and technology streams
- Experience in software development on **Desktop**, **Web** and **Cloud** based applications
- Proficient in **Python** programming, **SQL** and **Amazon web services**
- Hands on machine learning frameworks like **Flask**, **tensorflow**, **Keras** for object detection and tracking algorithm
- Strong Collaboration and team building skills with proficiency at grasping new technical concepts quickly and utilize the same in productive manner
- Experience in software design in **Windows** and **Linux**

Technologies

Programming languages: Python, SQL, C++, GOLD
Amazon web services: S3, Lambda, EC2, CloudWatch, CodePipeline, Code Build, secrets manager, Fargate, ECS, Aurora (Amazon RDS), CloudFormation
Database: Oracle, SQL server, Postgres, Amazon RDS(Aurora), Sqlite
Version control: Git, Azure, Tortoise
IDE: PyCharm, DataGrip, Rider, Visual studio, Qt Creator
Tools: Jenkins, JIRA, Rally, Confluence, Azure DevOps, putty, WinSCP

Education Qualification

B.E. in Telecommunication from CMR Institute of Technology, Bengaluru; affiliated to Visveshwaraiah Technological University, Belgaum in 2013.

Work Experience

IHS Markit (Sep 2019 - present) *Software Engineer*

Fee Data Ingestion Engine

- Parse the incoming oil well meta data files, extract them to feed into the database. Documents pertaining to meta data are visualized in UI and corresponding entries made by user
- AWS services like **S3, lambda, EC2, CloudWatch, CloudFormation, Code Pipeline, Code Build** are used to develop, build and deploy
- Worked on independent modules/features along with SonarQube and white source integration

Elbert

- It is an auto-allocation project to update well data in bulk everyday in the order of gigabytes. The data updation is crucial for stake holders
- To achieve this we use AWS **Fargate, ECS, ECR, Aurora** to run multiple tasks in parallel thereby updating the latest data within hours

Well cost

- APIs developed using Flask, built and deployed on **AWS Fargate as a service** consumed by the UI team
- AFE well search screen developed by the UI team will use the APIs for various functions

Continental Automotive (May 2015 – Aug 2019) *Senior Software Engineer*

Canvas

- Worked as an individual contributor developing microservices for radar and camera data
- Point cloud services to publish 3D data over publisher subscriber network through protobuf
- Developing interfaces for object detection and tracking algorithms (**Python**) and the tool (**C++**) to visualize labels for recording played in label tool
- Microservice to sync camera and radar data to oracle using **Flask** framework
- Initiated the developing of pre-labelling framework to auto generate labels using a pre-trained network on MSCOCO dataset

Test Data server manager (TDSM)

- To fetch details of recording taken during test drive
- Developed using **PyQt4** with oracle database and rest APIs to interact with
- LDAP integration, load testing, auto documentation

Mphasis (Jan 2014 – Apr 2015) *Associate Software Engineer*

CUNA

- Involved back-end programming, GUI development, enhancements and fixing bugs to the existing product.
- Worked on e-wam, a niche technology based on Wyde framework for insurance domain.

Personal Details

Marital status: Married
Sex: Male
Nationality: Indian
Languages: English, Hindi, Kannada, Urdu and Arabic