

Mohammed Tanveer

[AWS certified DevOps Professional Engineer]

- 10 years [Software Development, DevOps, and Data Engineering]
- Last 5 years specialized experience in cloud-based SaaS, PaaS, IaaS, IaC & Agile
- Results-driven DevOps and Data Engineer with extensive experience in designing, implementing, and maintaining robust cloud infrastructure and data pipelines.

EXPERIENCE

Senior Software Engineer

Autodesk - Bangalore [August 2021 - till date]

[Python, AWS, Docker, Kubernetes, Terraform, Airflow, DBT, Fivetran, Snowflake]

- Developed orchestration using AWS Step Function to run data quality tests reducing time by almost 80%
- Deployed and managed applications running on multi-cluster environments. Optimization resulted in a seamless delivery
- Leverage Fivetran CDC tool to ingest data and DBT to transform data until downstream layer
- Prepare data quality tests using DBT packages - Elementary, expectations, dbt_utils to keep its integrity intact
- Improved infrastructure life-cycle management operations and documented them to meet the engineering teams quality standards
- Built a Golang command line tool for pausing container services in test environment saving 10% of cost
- Implemented ECS blue green deployment to have zero downtime for applications hosted on ECS Fargate
- Strong knowledge on Caddy server used as reverse proxy for OAuth2.0 authentication
- Architect event driven solution for seam less dataflow using EventBridge

Senior Associate Software Engineer

IHS Markit - Bangalore [September 2019 - July 2021]

[AWS, Python Angular, Azure DevOps, Terraform, Apigee]

- Migrated a legacy application to AWS cloud native reducing 30 hours of manual effort per day
- Successfully implemented Agile transformation across teams
- Empowered teams in DevOps tools and processes by building software in a containerized environment (IaaS)
- Developed and maintained Terraform templates for infrastructure as code for faster deployments
- Initiated to set up of proxies in Apigee for enhanced security of APIs for secured single sign-on
- Contributed to building 5 applications, helped company to retain its portfolio
- Successfully integrated various 3rd party API services within our platform

Senior Software Engineer

Continental Automotive [May 2015 - August 2019]

[Python, PyQt, Oracle, Qt, Protobuf]

- Integrate object detection and tracking algorithms (Python) and the tool (C++) to visualize labels
- Protobuf integration for cross application communication reduced time from milli to microseconds
- Contributed to pre-labelling framework to auto generate label reducing manual effort by 70%

Associate Software Engineer

Mphasis Wyde [Nov 2007 - Dec 2011]

[C++, Java, GOLD, Oracle, MySQL]

- CUNA systems to be catering to various credit unions
- An insurance domain based application which has various rules defined over decades developed over the robust Wyde framework

CONTACT

Bengaluru

Mobile: +91-7829435006

Email: tanveer941@gmail.com

LinkedIn

[linkedin.com/in/tanveer941](https://www.linkedin.com/in/tanveer941)

GitHub

<https://github.com/tanveer941>

Website

tanveer941.github.io

CERTIFICATION / ACCOMPLISHMENTS

[AWS certified DevOps Professional Engineer](#)

[AWS certified Developer Associate](#)

SKILLS

DevOps & Cloud:

AWS - S3, EC2, ECS, EKS, ECR, Step Function, CloudFormation, EFS, Kinesis, Athena, RDS, Fargate

Tools - Docker, Kubernetes, Terraform, Apigee, Matillion, Make, JIRA

Observability - Splunk, Looker

CI/CD - Git, Jenkins, Artifactory, CodeCommit, CodeDeploy, CodePipeline

Version control: Git, Azure, Tortoise

IDE: PyCharm, GoLand, VS Code, Cloud9, DataGrip, Qt Creator

Languages & OS:

Python, Golang, Svelte.js, C++ & Linux

Data Engineering:

Pandas, DBT, Fivetran, Snowflake, Airflow, SQL, NoSQL, Astronomer

EDUCATION

Bachelor of Engineering Telecommunication

Visveshwaraiah Technological University- 75%
06/2009 - 06/2013