

# Tatvic Analytics

<https://www.tatvic.com/job/solution-engineer/>

## Solution Engineer

### Description

Responsibility 1: Solutions Development and Assets Creation

- Activity 1.a.: Work with Solutions Specialist to develop/ automate/ standardize solutions through effective SDLC frameworks close- loop with feedback from the internal and external stakeholders
- Activity 1.b.: Contribute to knowledge assets and internal SOP documentation in the form of ERD diagrams, Functional Specs docs, Code bases on GIT/ CSR, Sandbox/ Demo, User Manuals (assisting technical writers)
- Activity 1.c: Enforce technical capabilities during the development as follows:
  - (1) Design solution architecture diagram and create structured documentation based on inputs from Solution Specialist
  - (2) Provide an estimation of development tasks in line with Sprint/ Agile development to be fitted into a roadmap before development
  - (3) Use the relevant set of programming frameworks for frontend and backend development not limited to Django & Flask, Python/Java, Node Js/Express JS, React & Vue Js, PHP/HTML/CSS, SQL/MongoDB, etc
  - (4) Design and Deploy solution APIs using Google Cloud/ AWS for building data pipelines and server processing, data warehouse, and storage optimization
  - (5) Maintain coding standards & build reusable code and libraries for future use
  - (6) Configure the alert system for the solutions for quick resolution of bugs triggered by system and user feedback and create cost monitoring dashboards
  - (7) Ensure the system is fail-safe against all unwanted intrusions and leaky firewalls and access is provided only to authorized users
  - (8) Build data science models using Cloud ML/ Python Notebooks for the solutions which require the implementation of AI/ML recipes
  - (9) Use GitLab/ CSR to host the developed codes/ scripts/ notebooks for further use

Responsibility 2: R&D and Training

- Activity 2.a.: Do extensive research on new technologies, tools, and platforms, solution packages, frameworks built by Google/ Amazon/ third-party/ open source that can be utilized for the internal solutions POCs
- Activity 2.b.: Train internal Delivery or be the g-to for DEL technical teams for the usage of all assets generated by the Solutions team

Functional Competencies

- Data Structure & Algorithms
- Solution Design (ERD, FSD, Arch, Data Flow)
- Database Languages (SQL/NoSQL)
- Scripting Languages (Frontend & Backend)
- Cloud Technology (AWS/GCP)
- Machine Learning (DS Models, NLP, DNN, AutoML)
- APIs & Libraries

### Hiring organization

Tatvic Analytics

### Job Location

Remote work from: India

### Date posted

July 13, 2020

### Valid through

31.05.2021