

# Tatvic Analytics

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

## Solution Engineer

### Description

### Role overview

Solution Engineer with Python, Node.js, and React.js expertise to develop scalable applications and solutions. The ideal candidate will design and implement robust front-end and back-end architectures, develop APIs, and integrate AI-driven functionalities using LangChain and AI models. The role requires a strong problem-solving mindset and the ability to work collaboratively in an agile environment.

### Responsibilities

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1. Backend Development (Primary Focus – Python & Node.js)
  1. Design, develop, and maintain scalable backend services using Python (Django/FastAPI/Flask) and Node.js.
  2. Implement RESTful and GraphQL APIs for seamless communication between the front end and backend.
  3. Optimize system performance and database interactions with PostgreSQL, MongoDB, or other relevant databases.
  4. Develop and integrate AI-driven solutions using frameworks like LangChain.
  5. Work with LLMs (Large Language Models) and AI tools to enhance application intelligence.
2. Frontend Development (React.js)
  1. Build responsive and user-friendly web interfaces using React.js.
  2. Ensure cross-browser compatibility, accessibility, and smooth performance.
  3. Collaborate with UI/UX designers to enhance user experience.
3. AI & Machine Learning Integration
  1. Work with AI models and integrate machine learning solutions into applications.
  2. Use LangChain to develop AI-powered chatbots, recommendation engines, and automation features.
4. Cloud & DevOps (Preferred but Not Mandatory)
  1. Deploy and manage applications on cloud platforms like Google Cloud, AWS, or Azure.
  2. Implement CI/CD pipelines for automated testing and deployment.
5. Security, Testing & Debugging
  1. Implement security best practices, including authentication, authorization, and data encryption.
  2. Perform unit testing, integration testing, and debugging to ensure application reliability.

### Hiring organization

Tatvic Analytics

**Employment Type**

Full-time

**Job Location**

Ahmedabad

**Date posted**

April 23, 2025