

# TANMAY SHEORAN

☎ (+91)8851253507

✉ [sheoran.tanmay@gmail.com](mailto:sheoran.tanmay@gmail.com)

🌐 [tanmaysheoran](https://tanmaysheoran.com)

🔗 [tanmaysheoran](https://tanmaysheoran.com)

## Experience

### Equipped Analytical Intelligence

October 2022 – Present

*Software Engineer II*

*Noida, India*

- Engineered a dynamic Report Generation Engine, serving more than 5 clients and taking less than 15 minutes to set up. This innovation not only cut development time but also enabled report customization for client-specific needs through configuration alone.
- Pioneered the Centralized Excel ETL System, streamlining template processing and lowering development overhead.
- Automated Invoice Classification using a CNN model, achieving a 95% accuracy enhancement.
- Played a pivotal role in architectural discussions and seamlessly integrated cross-functional team modules.
- Achieved a remarkable 90% reduction in response time by optimizing Gremlin API performance
- Automated user permission extraction and access matrix generation, reducing manual effort and improving data accuracy.
- Enabled real-time alerts for unusual access changes, enhancing security and compliance measures within the organization.

### Equipped Analytical Intelligence

March 2021 – October 2022

*Software Engineer I*

*Noida, India*

- Created an Internal Client On-boarding Platform, significantly reducing manual entry time.
- Designed a Serverless File Processing Architecture for efficient file handling, with backup processes.

## Projects

### Express.js Backend API Project | *Javascript, MongoDB*

August 2023

- Developed a backend API project for an e-commerce system

### Vector Based Database Search | *Javascript, MongoDB*

September 2023

- Integrated the OpenAI Davinci model for vector-based database search, enhancing search capabilities.

## Technical Skills

**Languages:** Python, C#, JavaScript

**Libraries:** TensorFlow, PyTorch, Pandas, Express.js

**Frameworks:** .NET 6.0, Entity Framework

**Query Languages:** SQL, Gremlin QL

**Database Knowledge:** Microsoft SQL Server, Azure Document DB, Azure Gremlin API (CosmosDB), MongoDB

**Developer Tools:** Git, Anaconda Navigator, Jupyter Notebook, VSCode, Visual Studio

**Cloud Platforms:** Microsoft Azure, AWS, OpenAI

**Utilized Tools:** Google, ChatGPT, BARD

## Education

### SRM Institute of Science and Technology

July 2016 – May 2020

*Bachelor of Technology in Aerospace*

*Chennai, India*

## Certifications

**Natural Language Processing with Attention**Coursera

**Deep Learning Specialization**Coursera

**TensorFlow Developer Professional Certificate**Coursera

**TensorFlow Data and Deployment Specialization**Coursera

## Honors and Awards

### Employee of the Month

August 2021

*Equipped Analytical Intelligence*

- Awarded Employee of the Month for spearheading the end-to-end application development of an admin portal to manage clients.