



Aaryan Tiwari

Associate ETL Engineer

I'd be delighted to leverage my expertise in ETL and Generative AI to empower businesses and elevate customer experiences! I'm thrilled to contribute to the exciting world of AI, using my skills in AI/ML, NLP, and Generative AI to become a valuable asset to company.

✉ taaryan.official@gmail.com

📍 benguluru, India

🌐 linkedin.com/in/aaryan-tiwari

☎ 07488372401

📄 huggingface.co/ATTRAIN

🔗 github.com/aaryan4140?tab=repositories

EDUCATION

BACHELOR'S DEGREE

JAIPUR ENGINEERING COLLEGE AND
RESEARCH CENTER

08/2017 - 08/2021

WORK EXPERIENCE

ETL Test Engineer

Ernst & Young Pvt. Ltd. (GDS).

02/2022 - Present

Achievements/Tasks

- Led **generative AI** initiatives, harnessing the potential of **LLM** technology effectively.
- Utilized **ML algorithms** to analyze vast datasets, deriving actionable insights for business decisions.
- Researched generative AI tech, exploring platforms like **GPT** and **opensource** models for integration opportunities.
- Supported customer base to improve business processes using **AI/ML solutions**.
- Contributed to generative AI app development, utilizing **Langchain**, **Vector database** for content automation.
- I played a pivotal role in advancing generative AI, advocating for **ethical practices** and **providing team training** in GenAI.

Associate Software Developer

Aapna Infotech PVT LTD

04/2021 - 02/2022

Achievements/Tasks

- Spearheaded research, gathered **client requirements**, and documented business needs for development roadmap.
- Expertise in **Decisions** and **SQL** for intuitive workflow and **database management**.
- Integrated **Postman API** for efficient data retrieval and real-time updates.
- Implemented **static analysis** and **statistical algorithms** for **data modeling** and **preprocessing**, achieving up to **78% efficiency**.
- Designed **dynamic dashboard** with bidding, **email alerts**, and user controls for enhanced functionality.

SKILLS

Python

OOP

Machine Learning

Deep Learning

Artificial Intelligence

GenAI

LLM

Open source models

Fine Tuning

NLP

Tensorflow

Langchain

Prompt Engineering

Huggingface

Vector Database

ETL

SQL

Preprocessing

Az Networking

PROJECTS AT EY

Text to SQL (02/2024 - 03/2024)

- I've developed a text-to-SQL model using the **Gemini API**. It translates English text into **SQL** queries and executes them on the **database** for operations.

Synthetic data generation (09/2023 - Present)

- Implemented **EY.ai LLM** model to create **synthetic data** for diverse **testing scenarios**, enhancing data variety and ensuring **robust testing** capabilities.

US Insurance Client (08/2022 - Present)

- Leveraging Alteryx's spatial processing and **ETL** capabilities, developed solutions for **Data Validation**, **Visualization Pre-Preprocessing**, and **Manipulation** for a top US insurance firm. Employed internal tools for **complex data streams**.

Multiple GenAI POC (09/2023 - Present)

- **Nutrition Doctor**:- Picture of food provides count of calories.
- **Celerity Search**:- Search any celebrity information.
- **Similar object search**:- Find similar objects.
- **Chat-model**:- You can chat and ask any question.

ACHIEVEMENTS

pursuing Innovation (01/2024)

Received the "PURSUING INNOVATION" award from EY Technology Solutions for spearheading the integration of **GenAI** and cutting-edge technologies into our current project

SPOT AWARD (11/2013)

Achieved the prestigious 'Spot Award' for outstanding performance! Through a focus on **efficiency**, **early task completion**, and **project automation**, I not only **saved man-hours** but also garnered heartfelt **appreciation from clients** and on-site managers.