

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.

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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

AchieveTments/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.

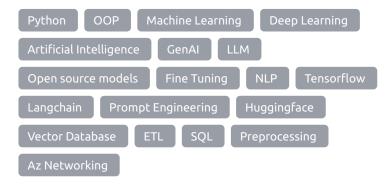
Associate Software Developer Aapna Infotech PVT LTD

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



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.