

ARPIT SINGH

📍 INDIA ✉ dev.arpit5462@gmail.com ☎ +91-8052487276 in <https://www.linkedin.com/in/dev-arpit-singh/>

Education

- **Integrated M.Tech. Artificial Intelligence (Computer Science and Engineering)** GPA: **8.56/10.0**
VIT Bhopal University
(09/2021 - 09/2026)
- **Higher Secondary** GPA: **81.6%**
Adity Biral Public School, Jagdishpur, Uttar Pradesh
(03/2018 - 05/2019)
- **Secondary** GPA: **9.4/10**
Banyan Tree School, Jagdishpur, Uttar Pradesh
(03/2016 - 05/2017)

SKILLS

Languages: Python, SQL, Dart, HTML, OOPs

Frameworks: NumPy, Pandas, Scikit-learn, TensorFlow, Seaborn, Matplotlib

GenAI/NLP: RAG, LangChain, LangGraph, LlamaIndex, LLM, VectorDB

Tools: Power BI, Excel, Git, MySQL

Projects

TabSql: generates complex sql query for a database Live [↗](#)

- Designed a Python application integrating GenAI to simplify **SQL query generation**, slashing the average query writing time from **4 hours** to just **30 minutes** while enhancing data integrity.
- Made writing complex SQL query quite efficient and easy also ensuring data integrity and optimized database query
- **Technology used: Python, SQLite, LLM, Streamlit**

TravelAi: Generates the efficient travel plan and budget Live [↗](#)

- **Developed a web-based AI-powered travel assistant** that processes user's input to generate travel itineraries based on weather conditions, estimated costs and available flights and hotels
- **Key features:**
 - Converts user's input into structured queries
 - Provides estimated costs, hotel and flight details
- **Tools Used: Python, Streamlit, GeminiAPI, RapidAPI**

EXPERIENCE

- Tekie, Operation Intern** Jan 2022 – March 2022
- Managed daily operational task to ensure smooth execution of programming course for Students
 - Streamlined internal processes, reducing response time for student support **by 20%**
 - **Analyzed the Churn data** to provide key insight and reduce it **by 15%**
 - **Key Skills:** Operations Management, Coordination, Process Improvement, Communication

- Think Sage, ML Intern** Sep 2024 – Dec 2024
- **Designed and implemented** two custom Natural Language to SQL chatbots for international projects, handling dataset with **1M+ records**
 - Optimized the NL2SQL Pipeline using **LangChain** and **Llama-Index**, reducing query response time from **15s to 5s**, boosting performance by **33%**
 - **Key Skills: Python, LangChain, LangGraph, NLP**

CERTIFICATIONS

- **Artificial intelligence associate by Salesforce** Jan 2025
- **Applied machine learning in python by University of Michigan** Feb 2023

EXTRA CURRICULARS & ACHIEVEMENTS

- **Jr. Core Team Lead, Music and Band Club: Conducted and Supervised 5+ events** and increased participation by 2x
- **Team Lead, Annual Techno-Cultural Fest – AdvITya**, managed the seamless progress of the largest college fest

ADDITIONAL INFORMATION

- **Hobbies:** Playing Video Games, Cricket, Chess, Anime, Music, Cooking
- **Languages:** Hindi, English