

ARPIT SINGH

8052487276 | dev.arpit5462@gmail.com | [LinkedIn](#) | [GitHub](#)

Education

Integrated M.Tech. Artificial Intelligence (CSE)

Jul 2021 – May 2026

CGPA: **8.56**

VIT Bhopal University, Bhopal, Madhya Pradesh

Higher Secondary

Mar 2018 – May 2019

Percentage: **81.6%**

Adity Biral Public School, Jagdishpur, Uttar Pradesh

Secondary

Mar 2016 – May 2017

CGPA: **9.4**

Banyan Tree School, Jagdishpur, Uttar Pradesh

Skills

Programming Languages: **Python, SQL**, Dart, HTML

Tech Stack: **Flutter, NumPy, Pandas**, Matplotlib, Seaborn, **scikit-learn**, TensorFlow, OpenCV,

GenAI

Tools: GitHub, Tableau, **MySQL, Power BI, Excel**

Projects

TabSql: generates complex sql query for a database

- **Developed** a **Python** based application leveraging the power of **genAI** to generate complex **SQL** query for a particular database
- Made writing complex SQL query quite efficient and easy also ensuring data integrity and optimized database query
- **Technology used: Python, SQLite, SQL**

TravelAi: Generates the efficient travel plan and budget

- **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
 - Fetches weather-based recommendations for the best time to travel
 - Provides estimated costs, hotel and flight details

Work 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

Python, LangChain, LangGraph, NLP

- **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%**
- Developed **FastAPI** endpoints and admin functionalities for deployed NLP applications, secured with Google Auth, impacting **1000+** users

Certifications

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

Extra Curriculars and Achievements

- **Jr. Core Team Lead, Music and Band Club: Conducted and Managed 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:** English, Hindi