

ADITYA SHELAR

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EDUCATION

- Vishwakarma Institute of Information Technology, PUNE** (2021 – 2025)
B.Tech Artificial Intelligence and Data Science- CGPA - 9.22 Pune, Maharashtra
- Modern highschool, Pune** (2019)
SSC- Percentage - 85.20% Pune, Maharashtra
- Abhishek Junior College, Pune** (2021)
HSC - Percentage - 84.67% Pune, Maharashtra

PROJECTS

- Vishwa-Bot** [↗](#) | LLM, Python, HTML, CSS, JS, Chainlit (2023-2024)
 - Chatbot system with integrated Question-Answering (QA) capabilities. System leverages open-source LLM model, Hugging Face embeddings and FAISS for vector storage. Used Groq LPU for quick response for query through API key. Chatbot is capable of understanding user intents, retrieving relevant information, and providing contextually accurate responses. The chatbot is integrated with localhost college website and also on chainlit which provide interface for applications like chatbot.
- Toxicity Terminator: Comment Classifier** [↗](#) | Python, jupyter notebook, streamlit (2024)
 - Utilized BeautifulSoup for web scraping to gather a diverse dataset of comments from online sources. Developed a Toxic Comment Classifier using TF-IDF for feature extraction and a Random Forest Classifier for prediction. Integrated the classifier into a user-friendly Streamlit web application for easy interaction and deployment.
- ATM Connect** [↗](#) | Python, HTML, CSS, JS (2023)
 - This project is an ATM machine simulation implemented using FastAPI and MySQL technologies. The backend is developed in Python, utilizing Object-Oriented Programming (OOP) concepts to manage and process transactions securely. The frontend is built with HTML, CSS, and JavaScript, providing a user-friendly interface. FastAPI is used to create and manage RESTful APIs for seamless communication between the frontend and backend, ensuring efficient and secure operations.
- Multi-Dashboard Analytics** [↗](#) | PowerBI, Tableau
 - Created four distinct dashboards using PowerBI and Tableau. The initial Tableau dashboard focused on visualizing gun deaths in America. Subsequent PowerBI dashboards included insights from a software developer survey, e-commerce sales performance analysis, and an dowry cases in India. Each dashboard employed tailored visualizations to effectively communicate insights from diverse datasets.

TECHNICAL SKILLS

Languages: Python, Java, C, C++
Technologies: Scikit-learn, TensorFlow, keras, Pandas, NLTK, Fast-API, MySQL, MongoDB
Tools: Tableau, PowerBI, VsCode, Jupyter Notebook, GitHub
Concepts: Data Science, Machine learning, Natural Language Processing, Deep learning, DBMS, Seq to Seq models

ACHIEVEMENTS

- Secured 1st rank in BNY Mellon sponsored Prompt Engineering Competition "AI Artist" from 109 Participating Teams

EXPERIENCE

- Artificial Intelligence and Student Association club** (2023)
Member Pune , Maharashtra
 - Successfully Conducted Vizathon for Data Visualization competition, with over 100+ Participants from various Colleges.

CERTIFICATES

- Machine Learning A-Z:** Completed the Machine learning course certificate from Udemy and learn data preprocessing techniques and various ML algorithms