Bharti

+91 8077664762 | [Email](#) | [LinkedIn](#) | [GitHub](#)

Education

VIT Bhopal University, Bhopal, Madhya Pradesh	Apr 2022 - Present
B.Tech in Artificial intelligence and Machine Learning GPA: 9.18/10	
M.S Public School, Mandi Dhanaura, Uttar Pradesh	Jul 2021
12th Standard (CBSE) Percentage: 94%	
M.S Public School, Mandi Dhanaura, Uttar Pradesh	May 2019
10th Standard (CBSE) Percentage: 97%	

Skills

- **Languages**: C++, SQL, Python
- **Frameworks & Libraries**: ReactJS, CSS
- **Tools & Platform**: MySQL, Git, Qlik Cloud, PowerBI, PostgreSQL

Projects

VastraVerse | Python, Flask, HTML, CSS, JavaScript, Stable Diffusion, ControlNet, Gemini API

- Collaborated with a team of 4 members to build an AI-powered cultural platform combining computer vision, NLP, and generative AI to promote heritage awareness.
- **Designed and developed** the interactive frontend using HTML, CSS, and JavaScript, creating an intuitive and visually engaging user experience.
- **Processed and curated** cultural data manually to ensure accuracy and reliability for the cultural chatbot and recommendation engine.
- **Integrated** frontend with backend APIs for seamless virtual try-on, cultural content exploration, and chatbot interaction.

Customer Trend Analysis Dashboard | Python, PostgreSQL, Power BI | [Github](#)

- Built an end-to-end data analytics pipeline using **Python, PostgreSQL, and Power BI** to analyze customer/business trends.
- Preprocessed raw company data in **Python (Pandas, NumPy)**, including data cleaning, feature engineering, and creation of new derived columns.
- Designed and executed **SQL queries** in PostgreSQL to store, retrieve, and transform processed data for analysis.
- Connected Power BI to PostgreSQL and developed an **interactive dashboard** with KPIs, trend analysis, and performance insights.
- Implemented visualizations such as **trend charts, category-wise analysis, and summary metrics** to support data-driven decision making.
- Improved data usability by structuring the dataset into an analysis-ready format and optimizing it for reporting.
-

SmartNotes | React.js | [GitHub](#)

- **Architected** a **React-based web application**, **SmartNotes**, to empower users with a simple and efficient online platform for creating, updating, ssharing, and managing text-based notes.
- Incorporated **Redux** for robust state management, ensuring a seamless and responsive user experience for dynamic note storage and retrieval.
- Integrated **React Router** to provide smooth and intuitive navigation throughout the application, enhancing usability.

Internship and Program

Business Analytic Intern

QLIK Business Analytics Virtual Internship Program | April 2024 – June 2024

- Led data-driven initiatives using Qlik's cloud platform to optimize accident prediction model accuracy and computational efficiency.
- Developed 15+ visualizations (bar, line, scatter, heatmaps) to analyze motor vehicle and pedestrian accident trends across India.
- Uncovered critical insights into accident patterns and contributing factors via interactive dashboards, communicating findings to stakeholders to enhance road safety.

Achievements

- Semi-finalist, **BharatGenAI Hackathon**
- Problem Solving (Intermediate), **HackerRank**
- Assisted in **Google Cloud Skill BOOST Program**