Dhaani Bahl

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Education

VIT University Sehore, M.P

Bachelor of Technology in Computer Science CGPA: 8.18 *Expected Graduation:2026*

Technical Skills

Languages: Python, Java, HTML, CSS, Bootstrap, JavaScript

Tools: Qlik Sense, Git, MS Excel, Power BI, Figma, VS Code, Jupyter notebook

Experience

Qlik Remote

Business Data Analysis Intern *Apr 2024 – June 2024*

- Cleaned, transformed, and analyzed business datasets using Qlik Sense to create interactive dashboards and visualizations.
- Delivered actionable insights to support data-driven decision-making and visualized data using Qlik tools.

VoltusWave Hyderabad

AI Intern *May 2025 – June 2025*

- Designed and developed an AI-powered chatbot to handle real-time conversations using Streamlit and LangChain.
- Employed asynchronous UI element- loading spinners to enhance user experience during AI response generation.

Projects

Road Safety and Accident Data analysis (2024)

- Analyzed road accident data to support informed decision-making through interactive visualizations and dashboards.
- Aimed to support traffic authorities in designing targeted road safety strategies and reducing accident rates.
- Tech Stack: Qlik Sense, Data Cleaning & Transformation, Data Visualization, Storytelling Technique.

Urban planning and road network analysis using satellite imagery (2024-2025)

- Processed Sentinel-2A imagery for Land Use/Land Cover (LULC) classification and zoning pattern analysis.
- Helped urban planners to monitor land changes and support sustainable city development.
- Tech Stack: Sentinel-2A, GEE, Multi-band Raster Analysis, RGB Band Automation, Spatial Analysis.

Chatbot using Python (2025)

- Built a real-time conversational chatbot with contextual awareness and memory using LangChain and OpenAI.
- Designed to enhance user interaction through a dynamic, responsive chat interface for human-like conversations for general or specific tasks.
- Tech Stack: Streamlit, LangChain, OpenAI API, Python, Frontend UI (chat I/O, session memory).

Predictive modeling for h1b visa approval (ongoing)

- Designing a machine learning model to predict the approval likelihood of H1B visa applications using H-1B Visa Petitions
- Intended to assist applicants and employers by identifying key success factors and approval probabilities.
- Tech Stack: Python, Pandas, Scikit-learn, Matplotlib/Seaborn, H-1B Petitions Dataset (2011–2016), EDA.

Certifications

- MITx 6.00.1x: Introduction to Computer Science and Programming Using Python by MITx (2022)
- Business Analytics by Qlik (2024)
- Getting Started with Artificial Intelligence badge by IBM (2025)
- Machine Learning by SmartBridge in collaboration with Google (2025)
- Getting Started with Artificial Intelligence by IBM (2025)