Ashwini Bhardwaj

Jaipur, Rajasthan

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EDUCATION

VIT Bhopal University   **August 2023 – June 2025**
Masters of Computer Applications - CGPA: 8.79   *Bhopal, India*

Birla Institute of Technology   **August 2020 – May 2023**
Bachelors of Computer Applications - CGPA: 8.62   *Jaipur, India*

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, SQL
Web Technologies: HTML, CSS, Flask, Streamlit, REST APIs
Machine Learning & AI: Scikit-learn, TensorFlow, Keras, LangChain, NLTK, SpaCy, VADER, LLMs
Data Handling: Pandas, NumPy, Plotly, Matplotlib, DVC, Databricks
Databases: SQLite, MySQL
Tools: Jupyter Notebook, VS Code, IntelliJ IDEA, Git, GitHub, Postman, Railway
Cloud/Deployment: Railway, Render, GitHub Pages, Heroku (basic)
Operating Systems: Linux, Windows

PROJECTS

DataHelp.AI – Agentic Data Analysis Assistant | Python, Flask, LangChain, Pandas, Groq   **June 2025**
- Built a full-stack AI-powered assistant to explore and interact with datasets via a conversational interface.
- Used LangChain and Groq's llama3-70b-8192 for metadata extraction, insight generation, and preprocessing suggestions.
- Implemented multi-agent context-based chat for dataset-specific analysis and interaction.
- Deployed via Railway with secure .env and isolated session environments.

Stock Trends Prediction | Python, Flask, Keras, LangChain, Groq LLaMA3-70B   **May 2025**
- Forecasts 3-day stock trends using LSTM and visualizes trends using Chart.js.
- Integrates LLaMA3-70B via LangChain to provide contextual investment insights.
- Supports multiple tickers and manages user subscriptions dynamically.

Reddit Sentiment Analysis | Python, NLTK, VADER, SpaCy, Flask, Plotly   **Dec 2024**
- Developed a web-based sentiment analysis tool that extracts and analyzes Reddit posts and comments using PRAW, VADER, and SpaCy.
- Designed an interactive Flask interface for entering subreddits and viewing results in real-time.
- Visualized sentiment trends across posts and timelines using Plotly for enhanced insight.
- Enabled topic-based sentiment exploration to support market research and trend analysis.

INTERNSHIP

Envision Virtue   **Dec 2024 – May 2025**
Data Science Intern   *Remote, India*
- Cleaned and preprocessed datasets, built ML models, and automated data extraction workflows.
- Created meaningful visualizations to communicate insights effectively.

CERTIFICATIONS

- **Software Engineer Job Simulation – Accenture (Forage)**
  Hands-on experience in Agile, Software Architecture, Security, Testing, and Programming.

- **Generative AI Fundamentals – Databricks**
  Learned core concepts and real-world applications of Generative AI.

- **Databricks for Machine Learning – Databricks**
  Gained practical knowledge in deploying and managing ML models on Databricks.

- **Software Engineering Intern – HackerRank**
  Earned certificate by completing coding assessments in software development.