

# ASHWINI BHARDWAJ

Jaipur, Rajasthan

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## EDUCATION

### VIT Bhopal University

*Masters of Computer Applications - CGPA - 8.74*

**August-2023 – June-2025**

*Bhopal, India*

### Birla Institute of Technology

*Bachelors of Computer Applications - CGPA - 8.62*

**August-2020 – May-2023**

*Jaipur, India*

## TECHNICAL SKILLS

**Languages:** Python, Java, C, JavaScript, SQL

**Developer Tools:** Jupyter Notebook, VS Code, IntelliJ Idea, Postman

**Technologies/Frameworks:** Linux, GitHub, DVC, Flask, Streamlit, Pandas, Numpy, Scikit-learn, Tensorflow, Keras

## PROJECTS

### Stock Trends Prediction 🔗 | Python, Flask, Keras, Scikit-learn

**May-2025**

- Developed a comprehensive stock analysis platform that enables users to subscribe/unsubscribe to stock tickers and receive detailed investment insights.
- Implemented a Retrieval-Augmented Generation (RAG) pipeline that dynamically fetches historical stock data and latest news for selected tickers to generate contextual, LLM-powered investment guidance.
- Integrated interactive data visualizations using Chart.js for price trend analysis and deployed a clean Flask-based web interface.

### AutoMate- an autoML tool 🔗 | Python, Flask, SkLearn, Pandas, Numpy

**April-2025**

- Designed and developed AutoMate, a web-based AutoML tool that automates the complete machine learning workflow.
- Enabled users to download the trained model as a serialized '.pkl' file for deployment and reuse.
- Implemented robust preprocessing including missing value handling, encoding, and scaling to ensure optimal model performance.

### Reddit Sentiment Analysis 🔗 | Python, NLTK, VADER, SpaCy

**December-2024**

- Developed a Python-based tool leveraging PRAW and VADER to analyze Reddit posts and comments, determine sentiment polarity, and visualize trends using Plotly. Built an interactive interface with Flask for user-friendly sentiment exploration.
- Analyzes Reddit posts to extract sentiment insights for market research.

## INTERNSHIP

### Envision Virtue 🔗

**December 2024 – May 2025**

*Data Science Intern*

*India*

As a Data Science Intern, I am responsible for cleaning and preprocessing large datasets and building machine learning models. I create visualizations to communicate insights and automate data extraction processes to improve workflow efficiency.

## CERTIFICATIONS

- Software Engineer Job Simulation – Accenture, Forage  
Completed Accenture's Software Engineer Job Simulation certification, showcasing hands-on expertise in Software Architecture, Security, Programming, Testing, and Agile methodologies.
- Generative AI Fundamentals – Databricks  
Completed the Generative AI Fundamentals certification from Databricks, where I learned the basics of generative AI, how it works, and its real-world applications.
- Databricks for Machine Learning – Databricks  
Completed the Machine Learning certification from Databricks, where I gained practical knowledge of building, deploying, and managing machine learning models on the Databricks platform.
- Software Engineering Intern – Hacker Rank  
Completed a certificate focused on software engineering skills, validated through practical exercises and assessments