

# 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, Flask, Streamlit, Pandas, Numpy, Scikit-learn, Tensorflow, Keras

## PROJECTS

### 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.

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

August-2024

- Developed AutoMate, an AutoML tool using Python and Flask that automates dataset preprocessing, model training, and selection of the best-performing model. Utilized Scikit-learn, XGBoost, and LightGBM for model training, and Pandas for data manipulation. Built a user-friendly interface with HTML, CSS, and JavaScript for interactive model progress tracking.
- Automates data preprocessing, model training, and selection for easy machine learning use.

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

June-2024

- Developed a stock trend prediction model using LSTM with Keras to predict stock trends based on historical data. The project utilizes Yahoo Finance API for data collection, Pandas for data manipulation, and Matplotlib for visualizations. Built an interactive web interface with Streamlit for real-time predictions and trend analysis.
- Predicts stock market trends using LSTM models for better investment decisions.

## INTERNSHIP

### Envision Virtue 🔗

December 2024 – Present

*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.