

# KESHAV BAJWA

## AI/ML Enthusiast

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### Summary

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Motivated B.Tech Computer Science student with a strong passion for Artificial Intelligence and Machine Learning. Hands-on experience in developing and deploying end-to-end ML projects using Python, Scikit-learn, and Streamlit. Proven ability to work with data processing, model building, and creating interactive web applications. Seeking an entry-level AI/ML role to contribute technical skills and grow within a innovative team.

### Technical Skills

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**Programming Languages:** Python

**Databases:** SQLite3, MySQL, MSSQL, PostgreSQL, MongoDB

**Tools & Platforms:** Streamlit, GitHub, Vercel, Render

### Projects

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#### House Price Prediction | *Python, Scikit-learn, Streamlit* 🔗

- Developed an end-to-end machine learning web application to predict real estate prices using a trained regression model
- Engineered features including area, bedrooms, bathrooms, stories, and parking spaces to accurately estimate property values
- Built an interactive Streamlit interface allowing users to input parameters and receive instant price predictions
- Utilized Scikit-learn for model training and Joblib for model persistence in the production environment

#### Placement Eligibility Application | *Python, Streamlit, SQLite3* 🔗

- Designed a comprehensive student placement tracking dashboard with student data management and skill analysis capabilities
- Implemented eligibility checks based on age and batch criteria with programming skills tracking (languages, problems solved, certifications)
- Developed soft skills evaluation system and placement status tracking with company and package details
- Integrated SQLite3 database for efficient data handling and used Faker library for sample dataset generation

#### Brain Tumor MRI Image Classification | *Python, TensorFlow, CNN, Streamlit* 🔗

- Developed a deep learning application to classify brain MRI images into four categories: Glioma, Meningioma, Pituitary, and No Tumor
- Trained CNN models using a brain MRI dataset 🔗 containing labeled medical images
- Deployed an interactive Streamlit web application for real-time tumor prediction from uploaded MRI images
- Created a user-friendly interface to assist with medical diagnosis and decision support

### Education

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#### JS University

*Bachelor of Technology in Computer Science & Engineering*

**2022 – 2026 (Expected)**

*CGPA: Pursuing*

#### Sardar Vallabh Bhai Patel S.B.V School

*Senior Secondary (XII), Science Stream*

**2021**

*Percentage: 68%*

### Certifications

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#### GUVI

*Artificial Intelligence and Machine Learning*

**May 2025 – October 2025**