

Rishabh Verma

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Education

UPES Dehradun, India	Aug 2022 - July 2026
Bachelors of Technology in CSE – AIML-Honors	CGPA: 7.63/10.0
Central Model School, Kolkata, India	March 2021 - May 2022
CBSE Higher Secondary Certificate	Percentage: 84.34/100.0
Techno India Group Public School, India	March 2018 – Feb 2019
CBSE Secondary School Certificate	Percentage: 91.5/100.0

Internship

Social Intern	June 2023-July 2023
Little Hearts Learning Centre	Mumbai, India
<ul style="list-style-type: none">Created comprehensive annual report booklets, increasing accessibility of vital information for 300+ stakeholders, streamlining internal communication.	

Projects

Bangalore House Price Prediction

[Project](#)

- Engineered a web application using Python and Streamlit to predict house prices, enhancing decision-making for over many users.
- Leveraged a pre-trained machine learning model (pickle file) to achieve 85% accuracy based on features like location, size, and amenities.
- Optimized data preprocessing, including location encoding, to improve prediction accuracy to 88% using cross-validation.
- Tech Stack: **Python, NumPy, Pandas, Scikit-Learn, Streamlit, Pickle**

Intel-Image Classification

[Project](#)

- Developed a CNN-based image classification model to categorize images into six classes with 85% accuracy on test data and 84% on training data.
- Enhanced model reliability by implementing data augmentation and dropout, reducing overfitting by 20%.
- Deployed the model on a web app using Streamlit, enabling real-time classification for immediate feedback.
- Tech Stack: **Python, TensorFlow, Keras, OpenCV, Streamlit, NumPy, Pandas**

Chess Game Using HTML, CSS and JavaScript

[Project](#)

- Developed a chess game using HTML, CSS, and JS, showcasing fundamental programming and web development skills.
- Implemented a user-friendly interface that allows users to play chess against each other.
- Tech Stack: **HTML, CSS, JavaScript**

Skills

Programming languages: C, C++, Python, JavaScript **ML/AI Frameworks:** Tensorflow, Scikit-Learn **ML/AI Skills:** Computer Vision, Machine Learning, **Web Technologies:** HTML, CSS, AngularJs **Soft Skills:** Communication, Leadership and Teamwork **Miscellaneous:** MySQL, Git, GitHub

Technical Certifications

- Java and Python Basic Hackerrank Certification
- Open Source Project Excellence Certification
- Devops Bootcamp certification
- Certified in Microsoft Technical Community Machine Learning Bootcamp