



EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	National Institute of Technology, Srinagar	7.66 (Current)	2023-Present
Senior Secondary	CBSE Board	92.4%	2023

PROJECTS

- **Image Classification Model**

Independent

– Fine-tuned a ResNet34 pre-trained model on a custom dataset to develop a high-accuracy image classification system for distinguishing between cats and dogs.

– Achieved 92% accuracy in classifying cats vs. dogs, reducing inference time by 35% using transfer learning

– Deployed the model on Hugging Face Spaces with an interactive Gradio-based web app, enabling real-time predictions and user-friendly accessibility.

June 2025 - July 2025
- **Patatap Clone**

Independent

– Developed an interactive Music Game using HTML, CSS, and JavaScript, which generates music and dynamic visual effects in response to keyboard inputs.

– Designed the project to provide an engaging user experience through real-time interaction, combining animation and sound in a seamless, responsive interface.

– Implemented Paper.js and Howler.js to create colorful, animating circles and high-quality sound effects, enhancing the visual and auditory experience of the game.

July 2024  
Github
- **RGB Color Guessing Game**

Independent

– Created a color-based guessing game where users identify the correct colored box matching a given RGB value.

– Programmed dynamic color generation and scoring logic for interactive gameplay.

– Added UI feedback for correct/incorrect guesses and a reset feature for replayability.

August 2024  
Github

TECHNICAL SKILLS

- **Programming:** Python, C/C++, SQL, Java

• **Frameworks:** PyTorch, Pandas, Matplotlib, Seaborn, NumPy

• **Web & Tools:** HTML, CSS, JavaScript, Git, GitHub Actions, Docker

• **Operating Systems:** MacOS, Ubuntu, Windows

\* Elementary proficiency

KEY COURSES TAKEN

- **Mathematics:** Linear Algebra, Calculus, Discrete Maths, Probability & Statistics

• **Computer Science:** Operating Systems, DBMS, Data Structures and Algorithms, Computer Architecture, Artificial Intelligence

• **Electronics:** Digital Logic, Communication Systems, Electronic Devices

ACHIEVEMENTS

- **State Topper (Jammu and Kashmir),**CCCC Cryptic Crossword Competiton

2019