

# ARYAN TIWARI

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## SUMMARY

A second-year undergraduate student enrolled in the Bachelor of Technology in Artificial Intelligence, passionate about creating innovative and responsible projects that combine machine learning and deep learning. Currently working on a gesture-controlled car game project that utilizes machine learning algorithms to recognize and respond to hand gestures. I'm excited to work on projects that will further enhance my skillset in artificial intelligence and machine learning.

## SKILLS

- |                                |                 |
|--------------------------------|-----------------|
| - Python                       | - Deep learning |
| - MySQL                        | - TensorFlow    |
| - Data structure and algorithm | - Pandas        |
| - Machine learning             | - Numpy         |

## EXPERIENCE

### Machine learning Virtual Internship, AICTE eduskills

July 2024 - September 2024

- Developed an image classification project using CNNs to identify various clothing styles effectively.
- Developed skills in data preprocessing, model training, and hyperparameter tuning.
- Implemented transfer learning to improve model performance by 15%.
- Gained hands-on experience with TensorFlow and Python.
- Learnt the importance of teamwork, communication, and adaptability in a virtual work environment.

### DevHack Hackathon, Dayananda Sagar University, Bangalore

September 2024

- Developed an AI outfitting app during a hackathon to recommend ensembles based on user preferences.
- Trained a CNN to label and tag style items using a curated fashion image dataset.
- Built a pipeline including photo preprocessing, content search, and a recommendation system.
- Incorporated user preferences into the model for personalized and tailored outfit recommendations.
- Showcased the project at a hackathon, emphasizing creativity and practical AI-ML applications.

## EDUCATION & CERTIFICATIONS

**Bachelor of Technology in Artificial Intelligence** 2023-2027  
SRM Institute of Science and Technology,  
Kattankulathur

## EXTRACURRICULAR ACTIVITIES

**Technical member**  
ACM SIGCHI SRM

**Community Volunteer**  
Aaruush SRM