

# **Yash Gurjar**

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## **PROFESSIONAL SUMMARY**

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Highly motivated and dedicated Computing Science undergraduate with a passion for leveraging technology to solve complex problems. Experienced in data processing, web development, machine learning, and artificial intelligence, with a track record of delivering practical solutions. Committed to continuous learning, innovation, and contributing to professional teams by applying technical expertise to real-world challenges. Eager to expand knowledge and make a meaningful impact in the field of technology.

## **EDUCATION**

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**JECRC University, Jaipur, Rajasthan**

Expected Graduation: 2027

- Bachelor of Technology - Computing Science & Engineering, Specialization (AI & ML IBM)
- Coursework: **Artificial Intelligence, Machine Learning**, Deep Learning, Reinforcement Learning, Data Science, Supervised Learning, Unsupervised Learning, Visual Recognition, Computer Vision, Natural Language Processing, Neural Networks, Robotics & Automation.

## **PROJECTS**

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**ResNet18 Image Classification Model for CIFAR-10**

 [GitHub](#)

April 2025

- Developed a high-performance ResNet18 architecture achieving 88.2% accuracy on CIFAR-10 classification, utilizing TensorFlow 2.19.0 and GPU acceleration on NVIDIA RTX hardware.
- Implemented state-of-the-art data augmentation pipeline including CutMix, random translations, and crop-and-pad techniques, boosting model robustness and generalization
- Achieved excellent classification metrics with 91.2% precision, 85.4% recall, and an exceptional F1 score of 0.986, outperforming standard implementations.

## **TECHNICAL SKILLS**

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**Programming Languages:** Python, C++, MySQL, HTML, CSS, Dart, Flutter, JavaScript, Typescript.

**Framework & Libraries:** TensorFlow, PyTorch, React, Node.js, Pandas.

**Tools & Technologies:** Git/GitHub, CUDA and cuDNN, Figma, Google Colab, Google Cloud, Docker.