

# R.M.V.L. Ajay Kumar

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## EDUCATION

### Anurag University

Bachelor of Technology; Major in Artificial Intelligence  
CGPA: 8.41

May 2024

Ghatkesar, Hyderabad

### Sri Chaitanya Junior College

Telangana State Board of Intermediate Education  
CGPA: 9.12

March 2020

Ramanthapur, Hyderabad

### Srinivasa High School

Telangana State Board of Secondary Education  
CGPA: 8.0

March 2018

Bagh Amberpet, Hyderabad

## PROJECTS

### Image Forgery Detection (Deep learning)

April 2024

- Led a team of 3 members to develop a deep learning-based image forgery detection system, achieving over 90% accuracy on the CASIA dataset.
- Designed and trained a deep learning model using Keras and TensorFlow, incorporating Conv2D, MaxPooling, Dropout, and Dense layers to classify real and fake images.
- Evaluated model performance using confusion matrices and other metrics, fine-tuning the model for optimal accuracy and deploying it for real-time forgery detection.

### Performance Analyzer (Python)

December 2022

- Developed and implemented a robust Performance Analysis tool utilizing Pandas, NumPy, and Matplotlib as part of a highly efficient team of 3 members.
- Enabled seamless data manipulation, numerical computations, and visualization, resulting in improved decision-making and increased efficiency in performance analysis processes.
- Conducted in-depth analysis revealing a direct link between regular college attendance (above 75%) and improved academic performance, offering valuable insights for strategic decision-making in educational environments.
- Analyzed and visualized performance data from 200+ students; identified key trends and patterns, resulting in the development of personalized academic improvement plans for struggling students. Increased pass rates by 25%.

## CERTIFICATIONS

- Cognizant-Artificial Intelligence Job Simulation
- Coursera-Python Data Structures
- Infosys Springboard-basics of C programming
- Cisco-Introduction to Cyber Security

## SKILLS

**Technical Skills:** Java,Python.

**Technologies:** Machine Learning, Deep Learning, OpenCV

**Developer Tools :** Jupyter Notebook, VS Code, Github

**Databases :** MySQL

## ACHIEVEMENTS

- Achieved 1st Position in the Code Debugging Competition organized by Anurag University in 2023, demonstrating outstanding technical proficiency and expertise.
- Developed proficiency in a wide range of programming concepts and techniques.

## EXTRA CURRICULAR ACTIVITIES

- Co-ordinated as an Organizing Committee of 10 Members for Daksha, a prestigious national-level techno-cultural festival, ensuring seamless execution and memorable experiences for participants and attendees.
- Hosted coding contests at Daksha University Fest, 2023, engaging 100+ participants and promoting coding skills within the student community; received positive feedback for fostering a competitive and collaborative environment.

## DECLARATION

All the details mentioned above are true and correct to the best of knowledge and beliefs.