

Ariga Sai Charan Reddy

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29 September 2026

Hiring Manager

AI/ML Team

Re: Application for the Computer Vision / AI Intern position

Dear Hiring Manager,

I am applying for the Computer Vision / AI Intern position on your AI/ML team. I recently completed my B.Tech in Computer Science and Engineering (AI & ML) at VIT-AP University, and what I enjoy most is taking a model from raw data through careful evaluation to a working, monitored product.

My strongest project so far is a COVID-19 infant growth prediction study. I consolidated data from more than 15 peer-reviewed studies into a 12,000-record dataset, handled missing values with MICE imputation, compared HistGradientBoosting, XGBoost, and an MLP, and reached 99.54% accuracy. I then served the model through a Flask app with sub-200ms responses and presented the work at the 10th International Halich Congress in May 2026, which taught me to explain methods and assumptions clearly.

In my Data Analyst internship at Internship Studio, I built retail-sales prediction models in Python and scikit-learn and deployed them as a live FastAPI service, cutting data preparation time by about 30% through reusable pipelines. At AMG Technologies, I delivered three end-to-end ML pipelines, including NLP sentiment models that reached 97.69% accuracy, and finished in the top 10% of my intern cohort. In SmartCareerForge, I led the AI/ML engineering for a 15-module platform, with LangSmith tracing and latency and error alerting, so I am used to watching models after they ship.

I want to be direct about my experience. My hands-on work so far has been in tabular machine learning, NLP, and deployment rather than image data. I have working knowledge of PyTorch and TensorFlow and I am keen to apply them to computer vision tasks such as image classification and detection. I would bring solid Python skills, disciplined model evaluation, and deployment habits, so I can help with data preparation, experiments, and serving from early on while learning quickly from your team.

I would welcome the chance to discuss how I can contribute. Thank you for your time and consideration.

Sincerely,

Ariga Sai Charan Reddy