

## SUMMARY

- AI/ML undergraduate skilled in CNNs, OpenCV, and full-stack development. Experience building emotion detection, disease classification, and file-conversion systems. Strong ability in model training, evaluation, scalable deployment, and delivering measurable improvements.

## EDUCATION

Degree	Specialization	Institute	Year
B.Tech	AI & Machine Learning	Vignan University	2022–Present
MPC	Physics, Chemistry, Mathematics	Sri Chaitanya College	2022
SSC	–	SVVBhavan	2020

## WORK EXPERIENCE

- Virtual Internship – Green Technologies [Edunet Foundation & Shell]** Feb–Mar 2024
  - Designed a CNN-based plant disease detection model improving early infection recognition accuracy.
  - Applied augmentation and evaluation techniques to strengthen model performance and deployment readiness.
  - Completed a 4-week internship applying AI to sustainability use cases.

## PROJECTS

- Music Recommendation System using Facial Emotion Recognition** Jan–Mar 2024
  - Built a real-time emotion classifier using CNN + OpenCV.
  - Linked detected emotions to auto-generated playlists for personalized user experience.
- Plant Disease Detection System (CNN)** Feb–Mar 2024
  - Developed a CNN model for leaf disease detection using real-world datasets.
  - Improved model robustness with augmentation and optimized preprocessing.
- Any Format Converter – Full Stack Web App** Apr–May 2024
  - Built a full-stack converter using React.js and Node.js supporting audio, video, image, and document formats.
  - Added image enhancement and video cropping features; optimized file processing for faster conversions.

## POSITIONS OF RESPONSIBILITY

- NSS Volunteer & Department Representative** 2022–Present
  - Organized student engagement activities impacting 300+ students.
  - Assisted in planning NSS drives and department-level initiatives.

## EXTRA-CURRICULAR ACTIVITIES

- Acted in short films and edited promotional videos for college events.
- Participated in NSS social and creative activities.

## TECHNICAL SKILLS

- Languages:** Python, C, JavaScript, MySQL
- Web:** HTML, CSS, React.js, Node.js
- ML:** CNNs, OpenCV, Data Preprocessing, Model Evaluation
- Tools:** GitHub, VS Code, Jupyter Notebook, LaTeX, Firebase, Render
- MOOCs:** IIT Bombay, Bytewl MERN, freeCodeCamp ML, Google Gen AI, Oracle Cloud, Cisco Python