Anvitha Sajja

 github.com/anvithasajja linkedin.com/in/anvithasajja anvithasajja913@gmail.com

EDUCATION

Mahindra University June 2026
Artificial Intelligence

Narayana Junior College June 2022
Percentage: 94

St.Anthony's High School March 2020
CGPA: 10

COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms, Database Management System, Software Engineering, NLP

SKILLS

Languages & Tools: Python, Java, SQL, MATLAB, HTML/CSS, JavaScript, Bootstrap, Git, GitHub, Doxygen, MongoDB
Frameworks & Libraries: Scikit-learn, TensorFlow, NumPy, Pandas, OpenCV, Flask

PROJECTS

Asthma Diagnosis: A Machine Learning Perspective | *Python, Scikit-learn, Pandas, NumPy, Matplotlib*
- Worked on data preprocessing, feature engineering, and model development using classification and regression techniques to predict asthma severity and triggers.
- Used Python (Pandas, NumPy, Scikit-learn, Matplotlib) for analysis and modeling, achieving 97.8% accuracy.

Sign Language to Voice Conversion | *OpenCV, Python, HOG, CNN, Machine Learning*
- Built a system to translate sign language gestures into voice using Digital Image Processing and ML techniques.
- Achieved high gesture recognition accuracy using Histogram of Oriented Gradients (HOG) and Convolutional Neural Networks (CNNs).

Online Auction System | *React, Node.js, MongoDB, Express.js, JavaScript, HTML/CSS*
- Developed a full-stack web application where college students can buy and sell items via timed bidding.
- Implemented features like secure login, image uploads, auction timers, and real-time bidding functionality.

UI/UX Checklist App | *HTML, CSS, JavaScript*
- Created a simple, responsive web app to help developers and designers track UI/UX best practices.
- Features include categorized checklists, progress tracking, and clean minimal UI design.

EXPERIENCE

Competitive Programming Club | *Member*
- Participated in internal contests and peer-learning sessions to enhance problem-solving skills.

Mahindra University Girls' Football Team | *Captain*
- Led the team to multiple tournament victories and fostered strong team collaboration.

Outreach Club | *Active Member*
- Contributed to social service initiatives such as community drives and awareness campaigns.

INTERESTS & EXTRA-CURRICULAR ACTIVITIES

Research
- Interested in machine learning applications for healthcare and social good.

Music, Photography, Gym
- Enjoy playing instruments, capturing nature and candid moments, and maintaining physical fitness.