

Jahnavi Naidu Gajula

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EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering

Aug 2023 – Aug 2027

GPA: 9.58/10

Sri Chaitanya College of Education

Higher Secondary Education

2021 – 2023

Percentage: 97.4%

Gitanjali School

X Class

2021

Percentage: 94%

SKILLS

Core Languages: HTML, CSS, Java, JavaScript, C, C++, Python, R, SQL.

Frameworks & APIs: React , Node.js ,Express, FastAPI, RestAPI.

Infrastructure & DevOps: Git, GitHub, Kubernetes, Docker, AWS, Unix/Linux.

Data & Intelligence: MySQL, PyTorch, Tensorflow, Scikit-Learn , Transformers, LangChain.

Academic Foundation: DSA, OS, DBMS, Computer Networks, SDLC, Digital Logic Design,MATLAB.

EXPERIENCE

Prodigy InfoTech | Web Development Intern

Sept 2024 - Oct 2024

- Designed and developed a responsive webpage using HTML, CSS, and JavaScript, ensuring seamless user experience across devices and screen sizes.Built a fully responsive stopwatch application with start, pause, reset, and lap functionality using HTML, CSS, and JavaScript, enhancing user interaction.

PROJECTS

Sentiment Analysis Web Application | GitHub

Apr 2025

- Built a NLP tool to analyze sentiment from text and images using `pytesseract` and `newspaper3k`, with keyword search and visualization features.
- Enabled users to extract, analyze, and visualize sentiment metrics like polarity and subjectivity from diverse online content.

PTBDB Arrhythmia Classification | Colab

Jul 2025

- Implemented a ResNet-based CNN for ECG signal classification, achieving 98.6% accuracy in arrhythmia detection with robust preprocessing and feature extraction pipelines.
- Validated the model's reliability across normal and abnormal cases, ensuring consistent clinical applicability.

Body Language Decoder Using Mediapipe | GitHub

Jun 2025

- Developed a Streamlit application utilizing Mediapipe for real-time pose, gesture, and expression recognition, reaching 87% accuracy in decoding nonverbal cues.
- Deployed an interactive UI for real-time predictions, improving usability and accessibility.

ACHIEVEMENTS

- Machine Learning:** SmartBridge in collaboration with Google for Developers. | *Certificate*
- Google Cloud:** Earned 20+ skill badges | *Certificate*
- MATLAB Onramp** from MathWorks.
- AWS Cloud Practitioner Badge.**

POSITIONS OF RESPONSIBILITY

- Technical Manager, Machine Learning Club** Conducted hackathons by preparing practical problem statements and coordinating event logistics. Mentored participants during competitions and guided teams through collaborative AI projects, ensuring successful execution and knowledge sharing.