

SRIKANTH MINISETTI

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Education

Vellore Institute of Technology <i>Integrated M.Tech in Computer Science & Engineering</i>	2021 - 2026 8.14/10 CGPA
Vignan Co-Operative Junior College <i>Class XII</i>	2019 - 2021 76.8%
QIS Public School <i>Class X</i>	2009 - 2019 53%

Technical Skills

- **Languages:** Python, MySQL, R
- **Libraries/Frameworks:** NumPy, SciPy, Pandas, Matplotlib
- **Relevant Coursework:** Object-Oriented Programming, Machine Learning, Data Visualization, UI/UX
- **Developer Tools:** VS Code, GitHub, Figma

Projects

Heart Failure Disease Prediction [Source Code](#)

- Developed a **Machine Learning**-based system to predict heart failure risk using classification algorithms like Logistic Regression, Random Forest, and SVM.
- Implemented **data preprocessing** techniques, including missing value handling, feature scaling, and selection.
- Optimized model performance with **hyperparameter tuning** and feature importance analysis for better interpretability.

Music Recommendation System [Source Code](#)

- Developed a **Machine Learning**-powered music recommendation system using collaborative filtering.
- Achieved **90% accuracy** in predicting user preferences using personalized recommendations.
- Built an **interactive web application** to help users discover new music based on listening habits.

Image Classification Using ANN [Source Code](#)

- Developed an **Artificial Neural Network (ANN)** model for **image classification**, leveraging **TensorFlow/Keras**.
- Implemented **data preprocessing** techniques using **OpenCV**, improving model training efficiency and accuracy.
- Optimized model performance through **hyperparameter tuning**, enhancing classification accuracy and scalability.

Achievements - Coding

- Solved over **200+ coding problems** on various competitive programming platforms.

Interests

- Artificial Intelligence, Data Science, UI/UX Design, Reading, Music

Languages

- **English:** Proficient, **Telugu:** Native