

CAREER OBJECTIVE

Dynamic and detail-oriented AI researcher with a strong foundation in deep learning,model development,and scientific research replication. Skilled in designing,implementing,and optimizing AI models for complex tasks,including multi-modal learning medical image analysis,and NLP.

EDUCATION

Bachelor of Engineering (B.E), Computer Science & Engineering V V COLLEGE OF ENGINEERING	2021 - 2025
B.E, Computer Science & Engineering V V COLLEGE OF ENGINEERING CGPA: 7.67/10	2021 - 2025
Senior Secondary (XII), Tamil Nadu State Board S.R.K.H.S.S Percentage: 87.50%	2021
Secondary (X), Tamil Nadu State Board S.R.K.H.S.S Percentage: 83.60%	2019

PORTFOLIO

[GitHub link ↗](#)

PROJECTS

[To detecting and classifying degenerative conditions in lumbar spine MRI images ↗](#)
Oct 2024
To detect the Lumber spine degenerative condition(Left Neural Foraminal Narrowing, Right Neural Foraminal Narrowing, Left Subarticular Stenosis, Right Subarticular Stenosis, and Spinal Canal Stenosis) and severity classified into Normal/Mild, Moderate, or Severe

Language Prediction AI Model
Apr 2024
AI model classify or predict the language user speak. The model can predict languages English , Tamil , Japanese , Malayalam. I use the log-mel_spectrogram feature from the Audio to train the model

Deep learning project | Gradio
Sep 2024
Detects six possible types of comment toxicity (toxic, severe_toxic, obscene, threat, insult, identity_hate). Built with: Gradio, Tensorflow, numpy, pandas

[Replicated the Research Papers ↗](#)
May 2024 - Present
I replicated the Vision Transformer Model , VQ-VAE model paper and Attention is you all need research papers.

SKILLS

- Machine Learning
 - Deep Learning
 - SQLite
 - Natural Language Processing (NLP)
- Data Science
 - React
 - Google Cloud Computing
 - Neural Networks
- Python
 - Computer Vision
 - Data Structures