

DEEPAK S

CONTACT

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PROFILE SUMMARY

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 natural language processing.

EDUCATION

2021-2025
VV COLLEGE OF ENGINEERING

- BE
- CGPA-7.67

2020-2021
S.R.K.H.S.S

- HSC
- 87.5 %

2018-2019
S.R.K.H.S.S

- SSLC
- 83.6 %

SKILLS

- Google Cloud
- Data Science
- Deep Learning
- Traditional machine learning
- React

LANGUAGES

- English
- Tamil

PROJECTS

TOXIC COMMENT DETECTION

Deep learning project | Gradio

Description

- Detects six possible types of comment toxicity (toxic, severe_toxic, obscene, threat, insult, identity_hate).
- Built with:** Gradio, Tensorflow, numpy, pandas

LUMBAR SPINE DEGENERATIVE CLASSIFICATION

To classify Lumbar spine degenerative classification using AI.

Description

- To detecting and classifying degenerative conditions in lumbar spine MRI images
- Built with:** tensorflow ,pandas, seaborn , Django, ReactJS

PAPER REPLICATION

Successfully replicated AI research papers.

Replicated Papers

- Vision Transformer
- VQ-VAE Model
- GPT-2 Architecture
- Attention Is All You Need (transformer architecture)

FRAMEWORKS

- Pytorch
- Tensorflow
- Pandas
- Transformers
- Huggingface