Bodela Mahathi

+91 6302982003

Email | GitHub | LinkedIn | Leetcode | Website

OBJECTIVE

Enthusiastic software engineer with a solid foundation in artificial intelligence, experienced in PyTorch, TensorFlow, and React. Demonstrates strong problem-solving skills with top competitive coding rankings. Dedicated to continuous learning and impactful AI-driven projects.

EDUCATION

National Institute of Technology, Andhra Pradesh — B. Tech CSE

8.61 CGPA

Narayana Junior College, Hyderabad, Telangana — XII

97.2%

ZPHS High School, Kadapa, Andhra Pradesh — X

10 GPA

November 2021- Present

2019 - 2021

2014 - 2019

PROJECTS

Photo To VangGogh Style Converter | GANs, CNN, PyTorch, Streamlit

June - July 2024

- Explored style transfer techniques using Cycle GAN with Identity Loss.
- Developed model that translates natural images to Van Gogh style portraits.
- Application | GitHub

Hate Speech Detection Using MTL | Natural Language Processing, PyTorch, MTL, Gradio January - May 2024

- Leverages knowledge gained from sentiment analysis, polarity detection in Hate speech detection.
- Developed 3 MTL models with a shared encoder **BERT** and 3 task specific heads and 1 STL model to compare.
- **F1 Scores:** STL 66.4%, MTL 72.37%.
- Application | GitHub

Telugu POS Tagger | Natural Language Processing, Tensor Flow, Streamlit

January - May 2023

- Developed a model to output POS tags of a given Telugu sentence using Streamlit Interface.
- Implemented architectures that include HMM, VITERBI, CRF, LSTM.
- Accuracy: 96%
- Application | GitHub

PortGen.io | MongoDB, Express, React, Node.js

October - December 2023

- Developed a full stack web application using **MERN stack** and **REST** framework.
- User chosen portfolio themes will be displayed with their details fetched from the database.
- Utilized MongoDB as the database and Material UI for UI design.
- GitHub

SKILLS

Languages C/C++, Java, Python, JavaScript, HTML/CSS, SQL

Tools PyTorch, NumPy, Scikit-Learn, Matplotlib, Pandas, React.js, TensorFlow, Keras.

Fundamentals Artificial Intelligence, Deep Learning, Database Management, Natural Language Processing.

ACHIEVEMENTS

- Solved over 400+ problems on LeetCode.
- Ranked in the top 28% of coders on LeetCode with a rating of 1564.
- Secured position in top 2% in NPTEL Online Certification Exam on <u>Cloud Computing</u>

CLUBS AND ACTIVITIES

Vrindavanam Club | Executive

- Organized multiple events in both Tech fest and Culture fest
- Certificate