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*   *November 2021- Present*
8.61 CGPA

Narayana Junior College, Hyderabad, Telangana — *XII*   *2019 - 2021*
97.2%

ZPHS High School, Kadapa, Andhra Pradesh — *X*   *2014 - 2019*
10 GPA

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 Cloud Computing

CLUBS AND ACTIVITIES

Vrindavanam Club | *Executive*
- Organized multiple events in both Tech fest and Culture fest
- Certificate