

# BODELA MAHATHI



Mahathi Bodela



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GitHub



LinkedIn



Leetcode



Website

## OBJECTIVE

Highly motivated fresh software engineer motivated in Artificial Intelligence, seeking an opportunity to leverage technical skills and learn from experienced professionals to contribute to innovative projects.

## ACHIEVEMENTS

- Over 430+ problems on leetcode
- In the top 28% of coders on LeetCode at a rating of 1564
- Secured a position in top 2% in NPTEL Online Certification Examination on Cloud Computing

## SKILLS

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

**Frameworks** PyTorch, TensorFlow, Keras, Scikit-Learn, Pandas, Numpy, Matplotlib, React.js, Django,

**Fundamentals** Artificial Intelligence, Deep Learning, Database Management, Natural Language Processing, Computer Vision

## PROJECTS

### Photo to Vang Gogf Style Converter | CNN, PyTorch

July 2024

- Takes a normal photo as input and generates a photo in Vang Gogf style using Adversarial training.
- Built using **Cycle GAN** with added Identity loss.
- Application Link

### Hate Speech Detection Using MTL | Natural Language Processing, PyTorch, MTL

May 2024

- Leverages knowledge gained from sentiment analysis, polarity detection in Hate speech detection.
- Model consists of shared encoder **BERT** and 3 task specific heads.
- Application Link, **F1 Scores**: STL 66.4%, MTL 72.37%.

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

May 2023

- Model to output POS tags of a given Telugu sentence along with GUI using Flask.
- Used different methods like **HMM, VITERBI, CRF, LSTM**.
- Application Link, **Accuracy**: 96%

### PortGen.io | MERN Stack

March 2024

- Made a full stack web application using **ReactJs, Express and NodeJs** and **REST** framework.
- User chosen portfolio theme will be displayed along with their details fetched from the database.
- Used **MongoDB** as database, **ExpressJs** for business logic, **MaterialUI** for design segments.

## 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

## CLUBS AND ACTIVITIES

### Vrindavanam Club | Executive

- Organized multiple events in both Tech fest and Culture fest