

# 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

### Hate Speech Detection Using MTL | *NLP, 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
- F1 Scores:** STL 66.4%, MTL 72.37%

### Telugu POS Tagger | *NLP, Flask*

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**
- Accuracy:** 96%

### English To Telugu Translator | *NLP, Pytorch*

February 2024

- English to Telugu translator built based on **Transformer** architecture.
- Transformer blocks built from scratch

### 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