# BODELA MAHATHI

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## 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.

## 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 Vang Gogh Style Converter** |*GAN'S, CNN, PyTorch*      **July 2024**
- Takes a normal photo as input and generates a photo in Vang Gogh 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 a 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 themes will be displayed along with their details fetched from the database.
- Used **MongoDB** as database, **ExpressJs** for business logic, **MaterialUI** for design segments.

## 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

## CLUBS AND ACTIVITIES

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