

Bodela Mahathi

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[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

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| National Institute of Technology, Andhra Pradesh — <i>B.Tech CSE</i> 8.61 CGPA | <i>November 2021- Present</i> |
| Narayana Junior College, Hyderabad, Telangana — <i>XII</i> 97.2% | <i>2019 - 2021</i> |
| ZPHS High School, Kadapa, Andhra Pradesh — <i>X</i> 10 GPA | <i>2014 - 2019</i> |

PROJECTS

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| Photo To VangGogh Style Converter <i>GANs, CNN, PyTorch, Streamlit</i> <ul style="list-style-type: none">Explored style transfer techniques using Cycle GAN with Identity Loss.Developed model that translates natural images to Van Gogh style portraits.Application GitHub | <i>June - July 2024</i> |
| Hate Speech Detection Using MTL <i>Natural Language Processing, PyTorch, MTL, Gradio</i> <ul style="list-style-type: none">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 | <i>January - May 2024</i> |
| Telugu POS Tagger <i>Natural Language Processing, Tensor Flow, Streamlit</i> <ul style="list-style-type: none">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 | <i>January - May 2023</i> |
| PortGen.io <i>MongoDB, Express, React, Node.js</i> <ul style="list-style-type: none">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 | <i>October - December 2023</i> |

SKILLS

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| 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

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| Vrindavanam Club <i>Executive</i> <ul style="list-style-type: none">Organized multiple events in both Tech fest and Culture festCertificate |
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