NADAGANI AMULYA PRASANTH

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FIND ME ONLINE

🌐 **Website**
prasanth.simplifolio

🐱 **GitHub**
amulyaprasanth

🌐 **Leetcode**
amulyaprasanth

SUMMARY

Specializing in data science at Bharath Institute Of Higher Education and Research, I bring expertise in Python, TensorFlow, and PyTorch. My project portfolio includes Telugu News Article Classification, Video Game Sales Prediction, Breast Cancer Prediction, Email Spam Detection, and Speech Emotion Recognition, showcasing a strong foundation and a keen analytical mindset for data-driven decision-making.

SKILLS

Machine Learning · Data Science ·
Python · Deep Learning · TensorFlow ·
PyTorch · Keras ·
Natural Language Processing ·
Computer Vision · Data Analysis ·
HTML/CSS · Langchain · JavaScript

EDUCATION

Bachelor of Technology

Bharath Institue Of Higher Education & Research

2020 - 2024   Chennai, IN

Intermediate

Aditya Junior College

2018 - 2020   Kakinada, IN

EXPERIENCE

Freelance Developer   02/2024 - Present
Freelancer   Remote

Working on various projects as a Machine Learning Engineer
- Designed and Implemented a bike theft detection System using Deep Learning
- Developed a real-time system for detecting the ripeness of pomegranates.
- Worked on Implementing various Segmentation models for research purposes.
- Implemented a bottle detector system to count the number of bottles in recycling plant.
- Created a RAG application using langchain for retrieving contents from Arxiv and PDFs.

Data Science Intern   08/2023 - 09/2023
CodersCave   Remote

CodersCave is a project-based learning platform dedicated to shaping a strong tech future for all developers.
- Conducted data analysis to identify global regions with heightened terrorist activities.
- Developed a web application powered by Machine Learning to predict Breast Cancer Disease for early detection.
- Created a user-friendly Flask-based web app for email classification, simplifying email sorting.
- Committed to using technology and data-driven solutions for positive impact.

Machine Learning Intern   07/2023 - 08/2023
Zephyr Technologys   Remote

Zephyr Technologies Mangalore transforms visions into measurable realities through expertise in Branding, Website Design, Graphic Design, and Digital Media Content creation.
- Developed proficiency in various Machine Learning techniques, enabling effective problem-solving in real-world scenarios.
- Conducted in-depth data exploration, extracting valuable patterns and insights from complex datasets.
- Gained expertise in web development, in building user-friendly applications that utilize Machine Learning for practical purposes.

PROJECTS

Telugu News Article classification

Executed the development of a Neural Network for classifying Telugu news articles into distinct topics, such as nation and business, achieving a notable accuracy rate of 96%.

Email Spam Detection

Designed, implemented, and deployed a machine learning application aimed at discerning the classification of emails into spam or non-spam categories.

Breast Cancer prediction

Designed, implemented, and deployed a machine learning application to determine the malignancy of tumors based on their geometric characteristics.

Mask Detection using YOLOV5

Developed a deep learning model for assessing whether an individual is wearing a mask or not.

AI Game Sales Predictor

Designed, implemented and deployed a model to predict video game sales.