

CHAKRADHAR REDDY PEDDAVENKATGARI

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Andhra Pradesh, India

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EXPERIENCE

AI Engineer

HydroMind

2024 - Present

Developed and implemented machine learning algorithms to optimize data processing workflows, contributing to a xx% increase in efficiency.

Spearheaded the development of a predictive analytics model that reduced operational costs by 60%.

Collaborated with cross-functional teams to integrate AI solutions into existing systems, enhancing overall product performance.

Treasurer - Chennai Chapter, India

iCAN Research

2024 - Present

Completed 6+ Health care project under 3 Months

To foster a greater global understanding of the importance of the pediatric patient and caregiver voice in healthcare, clinical trials, and research.

Having Managing around 15+ Volunteers.

Cohort Program

Under Pramit Saha Researcher @Oxford University

03/2024 - 05/2024

Working on a project analysing the Oxford 102 dataset, consisting of 102 flower categories commonly found in the UK. The dataset includes images with varying scales, poses, and lighting factor, with each category containing 40 to 258 images.

PUBLICATIONS

Efficient CAPTCHA Image Recognition Using Convolutional Neural Networks and Long Short-Term Memory Networks

International Journal of Scientific Research in Engineering and Management (IJSREM)

03/2024

Achieved an accuracy of 99.54% beating all other present model in CAPTCHA Image Recognition.

NEURAL SEQUENCE-TO-SEQUENCE MODELING WITH ATTENTION BY LEVERAGING DEEP LEARNING ARCHITECTURES FOR ENHANCED CONTEXTUAL UNDERSTANDING IN ABSTRACTIVE TEXT SUMMARIZATION

International Journal of Machine Learning and Cybernetics (IJMLC)

04/2024

Researched document summarization by integrating structural analysis and semantic understanding. Developed a neural network-based system to generate concise summaries, enhancing information retrieval and analysis effectiveness.

EVALUATION METHODOLOGIES AND PERFORMANCE METRICS IN SUPERVISED NER FOR JOURNAL ARTICLES: A CRITICAL ANALYSIS

International Research Journal of Modernization in Engineering Technology and Science

04/2024

Evaluated named entity recognition tools in scientific papers, focusing on supervised learning methods and success metrics. Emphasized diverse evaluation techniques and real-world effectiveness testing.

EDUCATION

Under graduation degree

SRM Institute of Science and Technology

2021 - 2025

Tamilnadu, India

GPA

9.64 / 10

Higher Secondary School - APBIE

Raju Junior College

2019 - 2021

Andhra Pradesh, India

Graded Marks

855 / 1000

10th Education

Red Cherries

2019

Andhra Pradesh, India

GPA

9.7 / 10

TECHNICAL SKILLS

HTML	CSS	JavaScript	C	C++
Python	SQL	OOPS		
Data Structures	Machine Learning			
Deep Learning	Full Stack Development			

ACHIEVEMENTS

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Performance Based Scholarship

Awarded performance-based scholarship of 50,000 INR for outstanding academic achievement in the 4th year.

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International Children's Advisory Network (iCAN)

I have been awarded the 2024 Summit Scholarship by iCAN

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Volunteer at International society for learning and empowerment

Helped in mentorship program for over 50 students.

★

Hacker Rank

Have 5 stars in coding languages like C, C , Python

LANGUAGES

Telugu

Native

English

Proficient

Hindi

Intermediate