

BOPPANA RAKESH

Data Science enthusiast with expertise in Machine Learning, NLP, and Chatbots.

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🐙 GitHub 🔗 LinkedIn

Data Science enthusiast with expertise in Machine Learning, NLP, and Computer Vision. Skilled in developing AI solutions like text summarization apps, ANPR systems, and Chat bots.

PROFESSIONAL EXPERIENCE

All India Council for Technical Education

Machine Learning intern

Managed large-scale data processing pipelines, ensuring structured reporting & accurate analytics. Designed automated Excel-based dashboards, improving decision-making efficiency by 30%. Conducted data validation & integrity checks, achieving 98% transaction accuracy for AI-powered data insights.

Andhra Pradesh learning Management System

Machine Learning Intern

Built a system to automatically categorize disaster images. Trained a machine learning model to identify cyclones, earthquakes, floods, and wildfires. Developed a CNN to classify natural disaster images with 80% accuracy.

PROJECTS

SMART AGRICULTURE PLANNING SYSTEM

2023

Developed a full-stack AI-powered Smart Agriculture Planning System using Python, Streamlit, Google Gemini AI, MongoDB, and external APIs, enabling real-time crop recommendations, irrigation planning, soil analysis, pest control, market forecasting, and farm management insights.

WEB SCRAPING AND TEXT SUMMARIZATION

2024

Created a website that uses AI to summarize long articles and documents. Built a tool that can summarize text from websites, typed text, and uploaded PDF files. Made it easy to download summaries as PDF files.

EDUCATION

Ramachandra College of Engineering

Sep 2021 - May 2024

B.Tech in Artificial Intelligence

A.K.R.G College of Engineering & Technology

Jul 2017 - Apr 2020

Diploma in Mechanical Engineering

S.R.Z.P.P High School

Jul 2016 - May 2017

Secondary School Certificate

SKILLS

Technical: Python, Machine Learning, Deep Learning, SQL.

Soft Skills: Decision-Making, Analytical Thinking, Problem-Solving, Time Management.

CERTIFICATIONS

- Introduction to Python Programming - COURSERA
- Python Programming - SKILL INDIA
- Supervised Machine Learning: Regression and Classification - COURSERA
- Beginner to Advance with Example - Microsoft Excel