

DONDAPATI MANOJ KRISHNA

Aspire Learn Achieve

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EDUCATION

B. Tech. in CSE(Honors)

K L University

Sep 2021 – Ongoing
Green Fields, Vaddeswaram, Guntur
CGPA-9.1

Intermediate in MPC

Sri Chaitanya Junior College

June 2019 – May 2021
Vijayawada
Percentage-83%

STATE BOARD

Dr.K.K.R's Gowtham HighSchool

June 2018 – May 2019
Gudiwada
CGPA-9.8

PROJECTS

• Stock Market Price Analysis and Prediction

- Developed a predictive model for stock price forecasting.
- Utilized Python, Scikit-Learn, and TensorFlow for machine learning.
- Integrated historical stock data for trend analysis and insights.
- Implemented LSTM and time-series forecasting techniques.
- Evaluated model performance using RMSE and accuracy metrics.
- Focused on continuous optimization for improved prediction accuracy.

• AI-Driven Business Establishment and Market Analysis Platform

- Developed an AI-powered platform for business establishment and market analysis.
- Utilized Python-based technologies for end-to-end development.
- Integrated machine learning models for market trend predictions.
- Implemented web scraping for real-time business insights.
- Designed an interactive web interface for user-friendly analytics.
- Focused on automation and data-driven decision-making.

• TEXT EXTRACTION FROM IMAGES WITH AWS SERVICES USING TELEGRAM BOT.

- Create a Telegram bot to extract text from images using AWS services.
- Upon receiving an image, the bot uploads it to an Amazon S3 bucket.
- The upload triggers an AWS Lambda function.
- The Lambda function uses Amazon Textract to analyze the image and extract any text present.
- The extracted text is sent back to the user via the Telegram bot.

EXPERIENCE/INTERNSHIPS

- AICTE - AWS CLOUD Virtual Internship
- AICTE - Juniper Networking Virtual Internship

SKILLS

PYTHON AWS S3 Lambda
IAM HTML CSS Git Dockers
Devops Google Cloud SQL

RESEARCH INTERESTS

Cloud Computing Computer Networking

CERTIFICATIONS

- AWS Certified: Cloud Practitioner
- Red Hat Certified Enterprise Application Developer
- Oracle Certified Associate
- Google Associate Cloud Engineer
- Aviatrix MultiCloud Network Associate

PUBLICATIONS

- Security Measures in Cloud-Driven Home Automation Systems - Published in ICISC 2024

HOBBIES

- Playing Cricket
- Travelling
- Listening to Music

LANGUAGES

- English
- Hindi
- Telugu