

KETHAN GUDELLI

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EDUCATION

Vaagdevi Engineering College, Warangal

B.Tech in Computer Science Engineering.

2020-2024

Overall CGPA:7.03

CARRIER OBJECTIVE

Aspiring Data Scientist and Machine Learning Engineer with hands-on experience in developing predictive models and deep learning applications. Passionate about using data-driven approaches to solve real-world problems and eager to contribute to innovative projects in the tech industry. Strong foundation in Python, machine learning algorithms, and neural networks.

PROJECTS

AutoForesight: A Predictive Model for Car Loan Repayment Planning

February 2024 - April 2024

Developed a machine learning model to predict vehicle loan default based on borrower characteristics like income, loan details, and repayment history.

- Applied algorithms such as Random Forest, Decision Tree, and Linear Regression to analyze the risk of loan default.

- Skills used: Python, Machine Learning, Data Analysis .

Deep Learning Model for Eye Disease Prediction

September 2023 - November 2023

- Built a deep learning classifier to detect eye diseases, including cataract, diabetic retinopathy, and glaucoma, from retinal images.

- Leveraged CNNs and image classification techniques for high-accuracy detection using a dataset of medical images.

- Skills used: Python, Neural Networks, TensorFlow, Keras, Image Classification

TECHNICAL STRENGTHS

Programming Languages

: Python, Django

Data Science & Machine Learning

: Machine Learning, Neural Networks, Random Forest, Decision Trees, Linear Regression

Deep Learning

: CNN, Image Classification

Tools & Libraries

: Scikit-learn, Pandas, Numpy, TensorFlow, Keras

Other Skills

: Data Analysis, Natural Language Processing, QA Testing, Computer Networking

Languages

: English, Telugu, Hindi

INTERNSHIPS

Kalolytic Solutions Intern

February 2023 - May 2023

Python Developer Intern

- Contributed to the development of a data management tool designed to streamline interactions with multiple databases, allowing users to read data from specified tables, perform data processing, and export the results to either another table or a CSV file.
- Developed and optimized APIs that accepted processing instructions and executed them in the background, ensuring seamless operation within the web-based application.
- The tool simplified data operations for users by automating complex data processing workflows and integrating outputs into the desired format, either for further analysis or reporting purposes.
- Skills used: Python, Django, API Development, Database Integration, Data Processing

ACADEMIC ACHIEVEMENTS

- Successfully implemented two major machine learning projects during academic tenure.
- Completed Python Fundamentals certification to strengthen programming expertise

PERSONAL DETAILS

Date of Birth: July 20, 2001

Languages Known: English, Telugu, Hindi