Abhishek Chowdary Jasti

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SUMMARY

As a software developer, I build scalable, user-friendly applications using MERN stack, RESTful APIs, and responsive web design. I collaborate with teams to deliver secure, efficient solutions and ensure optimal performance through agile practices.

EXPERIENCE

Intern

VIT AP (Dr. Syed Hussain)   **August 2024 - November 2024, Andhra Pradesh, India**

- Collaborated on integrating AI-driven techniques into image processing applications, enhancing processing speed by 15% while maintaining high precision using Python and TensorFlow.
- Implemented advanced data augmentation techniques, increasing dataset size by 30%, and enhancing model generalization..
- Optimized image encoding and decoding pipelines by leveraging skip connections, achieving a 15% improvement in feature representation accuracy.

PROJECTS

Online Library Management Platform

github.com/nightrider898/library-management · August 2023 - October 2024

- Developed a library management platform that improved operational efficiency by 85% through the integration of inventory, user, and transaction management systems.
- Developed borrowing and return systems using RESTful APIs, reducing transaction processing time by 40%.
- Enhanced user experience with responsive web design, achieving a 95% user satisfaction rate across devices.

Real Estate Price Prediction Model

github.com/nightrider898/Real-Estate-Price-Prediction-Model · March 2024 - May 2024

- Developed a regression model with 90% accuracy to predict property prices, incorporating room count, proximity to job centers, and local economic indicators.
- Improved predictive performance by 15% through advanced data transformations, enhancing feature scaling and alignment.
- Utilized various attributes, including socioeconomic and geographic data, to refine the model for precise forecasting.

EDUCATION

Bachelors of Technology

VIT AP University · Amaravathi, India

Secondary Higher Education

Narayana Juniour college · Vijayawada · 2021 · 8.7

Higher Education

Sri Guru Datta High School · Hyderabad · 2019 · 9.5

CERTIFICATIONS

Web Development

Udemy · 2024

Java SE Developer

Oracle · 2023

SKILLS

HTML, CSS, JavaScript, Java, Python, React, MongoDB, Node.js, SQL