KRISHNA REDDY R

Position : Lecturer
Department : Computer Science
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Qualifications:
- B.E Honor's in Information Science from Visvesvaraya Technological University/KNS Institute of Technology

Experience:
- Fresher

Areas of Expertise:
- Cloud Computing
- Full stack development
- Devops
- DBMS
- Java

Recent Projects:

- Railway Management System – Developed a secure and user-friendly ticket booking system with real-time transaction validation. Used MySQL for efficient data storage and retrieval. Implemented session management and security enhancements to prevent unauthorized access.

- Automated Testing for Amazon Software – Designed Selenium Web Driver scripts for automated functional and UI testing. Improved software reliability by detecting and reporting bugs efficiently. Automated workflows, reducing manual testing efforts by 40%.

- Plant Disease Prediction System – Built a CNN-based AI model using Tensor Flow and Keras for plant disease detection. Processed large datasets to achieve 95% accuracy. Deployed the model for real-time agricultural assistance.

- Next-Gen Security YOLOv8-Based Intrusion Detection System – Developed an AI-driven surveillance system using YOLOv8 for real-time security monitoring. Integrated with IP cameras to detect suspicious activities. Implemented real-time alerts and logging for quick response.

- Leveraging Multi-Cloud Platform – Designed a cloud-agnostic solution integrating AWS, GCP, and Azure. Optimized cloud resources with auto-scaling and load balancing. Ensured secure data transmission and storage across multiple platforms.

Publications:
Paper Title - Real time mental health Assessment Using Machine Learning-Focusing on Depression ,Anxiety,and Overthinking.
Journal Name - ZHUZAO/FOUNDRY
ISSN - 1001-4977

Industry Certification:

- IBM-Adopting multi cloud strategy with docker and kubernetes
- Rooman Technologies-Devops
- Hp Life-Data science and Analytics