Fresher

Pavan S

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Hackathons
Bangalore KA-560068

Skills

- Programming Languages: Python, SQL
- Machine Learning Frameworks: TensorFlow, Keras, Scikit-Learn
- Data Analysis Tools: Pandas, NumPy, Matplotlib, Seaborn
- Model Deployment: Flask, Streamlit
- Version Control: Git, DVC, GitHub
- Visualization Tools:Power BI, Tableau
- Neural Networks : CNN, ANN,RNN
- MLOps:Continuous Integration/Continuous Deployment (CI/CD), Model Deployment,Docker
- computer-vision: YOLO,CNN,Open-CV

Projects

Kidney Disease Classification Deep Learning Project

- Implemented kidney disease detection using CNNs, developing an end-to-end MLOps pipeline with CI/CD integration for efficient model deployments.
- Successfully deployed and managed the CNN-based kidney disease detection model, achieving showcasing proficiency in ML project management.

Object classification:

- Developed and completed an object detection project using modular coding and MLOps practices.
- Managed data collection, model building, evaluation, and deployment phases of the project.
- Implemented CNN neural networks for precise object detection capabilities.
- Utilized Docker for containerization, simplifying deployment and enhancing scalability.
- Demonstrated proficiency in machine learning, deep learning, and software engineering principles.

Predictive Maintenance Model using MLOps

- Engineered predictive maintenance ML model via MLOps pipeline, integrated CI/CD for seamless deployments, reducing downtime and enhancing efficiency.
- Deployed and managed end-to-end ML project, achieving 85% accuracy showcasing expertise in streamlined development to deployment workflows

Hackathons

Data Science Student Championship 2023

Hosted by:Machine Hack
Challenge: Predicting 'total_fare' for taxi rides in real-world scenarios.
Recognized for expertise in advanced analytics, predictive modeling, and innovative problem-solving during this highly competitive event..

Education

Bachelor of Application – Surana Collage — June 2024
Majors:Computer Science, Computer Analytics