Kalaiselvi M

CONTACT

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SKILLS

Technical : Python,C,SQL,HTML,CSS
Non-Technical : Communication,Teamwork,Adaptability,Creativity,Critical Thinking
Data Visualization : Power BI, Matplotlib, Seaborn

PROJECTS

PYTHON, TENSORFLOW, OPENCV

AI-Powered Form Filling Machine with Biometric Authentication and Speech Recognition

- Increased form accuracy by 35% for 100+ users through AI-powered form filling with biometric authentication.
- Reduced form completion time by 50% with AI-driven speech recognition technology.

PYTHON, PYTORCH, TRANSFORMERS

Conversational Image Recognition Chatbot

- Built an AI chatbot using Deep Learning (CNNs) and NLP (Transformers) to detect objects and generate dialogues, improving accuracy by 25% and response time by 30%.

PYTHON, ARDUINO, MQTT

IOT Based Automated Irrigation Control(Solution Designs To streamline and Enhance the Management of Agricultural and Landscape Irrigation)

- Optimized water usage by 25% across 50+ agricultural sites with IoT-based remote monitoring and precise irrigation.
- Reduced manual intervention by 40% through automation, increasing operational efficiency.

PYTHON, TENSORFLOW, OPENCV

GREEN INSPECTOR BY USING CNN

- Automated waste classification with CNN, improving efficiency by 40% for sustainable waste management.
- Enhanced waste sorting accuracy by 25% through advanced CNN algorithms.

PYTHON, REACT.JS, DJANGO

Drop Chat(Application for College)

- simplified course dropping for 200+ students, reducing administrative queries by 30% with real time deadline access and support.
- Implemented user-friendly design that improved student adoption rate by 20%.

EDUCATION

COLLEGE

RMKCET
- Artificial Intelligence and Data Science
- CGPA till 5th Semester -8.5/10
- Additionally focus on healthcare application through an honours program in AI in healthcare.

B.Tech

SCHOOL

SSLC(83%) , HSC(82%)

INTERNSHIPS

Octanet Services (Web Development-Remote Mode)   **Jan-Feb 2024**
- Designed and optimized three websites, improving performance and increasing user engagement by 25%.

Prodigy InfoTech (Data Science-Remote Mode)   **Jun-July 2024**
- Developed ten Python-based data visualizations, enhancing reporting accuracy by 20%.

Cognifyz Technologies (Power BI-Remote Mode)   **Aug-Sep 2024**
- Built 5 interactive dashboards, reducing reporting time by 40% and enhancing data access for 15 users.

LANGUAGES

English:B2   **Tamil**