DHARMARAJ KUMAR

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EDUCATION

Mahendra Engineering College,Namakkal. B.Tech - Information Technology .	CGPA - 7.80 October 2022 - September 2026
Sri SRV Matric hr.sec school,Attur. HSC	Percentage - 88% 2021-2022

SUMMARY

Dharmaraj Kumar Information Technology student in Mahendra Engineering College with CGPA(7.80) . I consider myself as a strong and orderly person I am looking for my first experience.Seeking an challenging position in your organisation, where I can apply my knowledge and hardwork to develop our organisation along with mine.

EXPERIENCE

MACHINE LEARNING INTERN | ST SOFTWARE

Emotion Detection System | St Software Solutions (Internship Project)

- Developed a real-time facial emotion detection system using TensorFlow, OpenCV, and CNN.
- Trained and fine-tuned a deep learning model for emotion classification.
- Integrated the model into a Flutter app for real-time emotion recognition.
- Improved model accuracy and optimized performance for real-world applications.

PROJECT

Automatic Attendance System Using Face Recognition

Developed an AI-powered automatic attendance system using face recognition to streamline student attendance tracking. The system detects and recognizes faces in real-time, eliminating manual attendance marking. Implemented using OpenCV, TensorFlow, and CNN models, ensuring high accuracy in various conditions. Overcame challenges in face recognition by leveraging online resources and expert guidance. The project enhances efficiency and minimizes errors in attendance management.

Emotion Detection System

Real-Time Facial Emotion Detection System

- Technologies: TensorFlow, OpenCV, CNN, Keras, Python, Flutter
- Developed a real-time facial emotion detection system using a CNN model trained on facial expressions. Integrated OpenCV for face detection and deployed the model in a Flutter app for real-time emotion recognition. Optimized performance for accurate classification of seven emotions.

CERTIFICATES

UiPath Automation Explorer for Students

- Issued by UiPath Academic Alliance & ICT Academy (2024)
- Gained hands-on experience in Robotic Process Automation (RPA) and automation tools.
- Explored automation workflows, attended practical sessions, and implemented real-world automation scenarios.

Introduction to MongoDB for Students

- Issued by MongoDB, Inc. (2024)
- Learned fundamental concepts of NoSQL databases and MongoDB architecture.
- Covered topics such as CRUD operations, indexing, aggregation framework, schema design, and data modeling