HARINI RAMASAMY

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PROFILE

To secure a position where I can apply my technical skills, contribute to the development of innovative solutions, and continuously grow by learning new technologies and best practices in a dynamic work environment.

EDUCATION

BACHELOR OF INFORMATION TECHNOLOGY   2022 – 2026
M.Kumarasamy College of Engineering   Karur, India
CGPA - 7.99 (upto 6th Semester)

HIGHER SECONDARY CERTIFICATE   2021 – 2022
Kandaswami Kandar Matriculation Higher Secondary School   Namakkal, India
Percentage - 84.6%

SECONDARY SCHOOL LEAVING CERTIFICATE   2019 – 2020
Kandaswami Kandar Matriculation Higher Secondary School   Namakkal, India
 Percentage - 78%

PROJECTS

CARDIAC HEALTH ASSESSMENT USING CNN AND MFCC-BASED SOUND PROCESSING
Minor Project | Semester-6
- **Tech Stack:** Deep Learning, CNN, MFCC
- **Description:** A system designed to analyze heart sound signals using MFCC for feature extraction and CNN for classification. It helps in detecting abnormal cardiac conditions from phonocardiogram (PCG) signals, promoting early diagnosis and enhancing non-invasive cardiac monitoring.

ENHANCING PATIENT SAFETY WITH MACHINE LEARNING: AUTOMATING THE INTERPRETATION OF HANDWRITTEN MEDICAL PRESCRIPTIONS
Minor Project | Semester-5
- **Tech Stack:** Deep learning,OCR,CNN
- **Description:** A system that transforms handwritten medical prescriptions into clear and readable digital text, minimizing errors and enhancing patient safety.

CAREER GUIDANCE
Minor Project | Semester-3,4
- **Tech Stack:** HTML,CSS,JavaScript,PHP & MYSQL
- **Description:** Assisted students in identifying their interests, learning preferences, and strengths by providing personalized advice and tailored resources to support their career planning.

CERTIFICATES

• AWS Certified Cloud Practitioner

• NPTEL Elite Certificate - Java Programming

• Frontend Web Developer Certification

• Javascript Essentials

TECHNICAL SKILLS

• HTML

• CSS

• Javascript

• C

• Java

• SQL

SOFT SKILLS

• Time Management

• Motivation

• Team work

• Adaptability

AREA OF INTEREST

Web Technologies

Database Management System

PUBLICATIONS

Journal publication in **"Enhancing Patient safety with Machine Learning: Automating the interpretation of handwritten Medical Prescriptions."**   2024

DECLARATION

I hereby declare that the details provided above is true and correct to the best of my knowledge and belief.

HARINI R
Namakkal