



HARINI RAMASAMY

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PROFILE

To obtain a Full Stack Developer position where I can apply my technical skills to develop scalable applications and utilize my knowledge of AWS to support cloud-based development.

EDUCATION

BACHELOR OF INFORMATION TECHNOLOGY	2022 – 2026
M.Kumarasamy College of Engineering	Namakkal, India
CGPA - 8.0 (upto 5th Semester)	

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

SENIOR SECONDARY LEAVING CERTIFICATION	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, Python
- **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
- PHP & MYSQL Certificate
- Frontend Web Developer Certification

TECHNICAL SKILLS

- HTML
- CSS
- Javascript
- Python
- Java
- SQL

SOFT SKILLS

- Time Management
- Motivation
- Team work
- Adaptability

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, 13-05-2025