



DHARSHINI S S

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🔗 Dharshini2613 📅 13-09-2005

👤 Profile

To attain a challenging position in a well-known organization which can further enhance my learnings, knowledge and skills.

🎓 Education

B.Tech in Information Technology,
M Kumarasamy College Of Engineering
2022 – present | Karur, Tamil Nadu, India
CGPA: 8.2

Higher Secondary Certificate,
VIB Higher Secondary School
2021 – 2022 | Peechapalayam, Namakkal, Tamil Nadu
Percentage: 86.1

Secondary School Leaving Certificate,
VIB Matriculation School
2019 – 2020 | Peechapalayam, Namakkal, Tamil Nadu
Percentage: 84.6

🧩 Area of Interests

Programming Languages: Java
Testing Tools: Selenium, Software Testing

🧠 Technical Skills

Programming Languages: Java
Web Technologies: HTML, CSS
Database: MySQL, DBMS Concepts
Version Control & Collaboration: Git, GitHub
Testing & Automation Tools: Manual Testing, Selenium (in progress)

📁 Projects

Student Mentor Mentee Process,
Tech Stack: Built using PHP, HTML with CSS, JavaScript
To provide guidance, support, and encouragement to mentees, helping to develop skills, and build confidence

Online Course Registration System
Tech Stack: Java, JDBC, MySQL
Enables students to register for courses and stores their details in a database.

Enhancing Patient Safety With Machine Learning: Automating The Interpretation Of Handwritten Medical Prescription,
Tech Stack: Python using OCR and CNN algorithm
Recognizing medicine names in the handwritten prescription to reduce and enhance patient safety.

Cardiac Health Assessment Using CNN and MFCC-Based Sound Processing,
Tech Stack: Python using MFCC and CNN algorithm
Diagnosing heart problems using sound signals, machine learning is used to detect issues earlier.

📖 Publications

Enhancing Patient Safety With Machine Learning: Automating The Interpretation Of Handwritten Medical Prescription 🔗
Published on 4th International Conference on Ubiquitous Computing and Intelligent Information Systems (ICUIS 2024).

Innovative Techniques for Cardiac Health Evaluation Using Acoustic Signals and Advanced Processing Methods 🔗
Published in the 8th International Conference on Computing Methodologies and Communication (ICCMC 2025).

Soft skills

- Leadership
- Teamwork
- Dedication

Co-curricular Activities

Paper Presentation

Delivered a research paper titled "*Innovative Techniques for Cardiac Health Evaluation using Acoustic Signals and Advanced Processing Methods*" at the 8th International Conference on Computing Methodologies and Communication (ICCMC 2025), hosted by Surya Engineering College, Erode, India, on 25 July 2025.

Paper Presentation

Showcased a research paper titled "*Enhancing Patient Safety with Machine Learning: Automating the Interpretation of Handwritten Medical Prescriptions*" at the 4th International Conference on Ubiquitous Computing and Intelligent Information Systems (ICUIS 2024), held at Shree Venkateshwara Hi-Tech Engineering College, Erode, on 12 December 2024.

Web Design Participation

Engaged in the Web Design competition conducted by the IT Association at Kongu Engineering College on 15 March 2024.

Coding Event

Took part in a Coding competition conducted by the IT Association at Kongu Engineering College, on 15 March 2024.

Extra curricular activities

Department Coordinator – ORLIA Event


Acted as Department Coordinator for ORLIA, an inter-departmental event organized by my college.

Certificates

Introduction to Software Testing

Simplilearn
Issued Oct 2025

Introduction to Agile Manual and Automation Testing


Techcanvass
Issued Oct 2025

AWS Certified Cloud Practitioner

AWS
Issued Feb 2025
Credential ID 2a8fbec959834b29aaec0372eb5b1728

Industrial 4.0 & Industrial Internet Of Things

SWAYAM NPTEL
Issued Oct 2024

STEP Certification

The Hindu
Issued Apr 2024

PHP & MySQL

Stack Queue
Issued Feb 2024

Front End Development

Great Learning
Issued Nov 2023

Hobbies

- Solving daily brain games such as Queens, Tango, and Zip on LinkedIn to enhance logical and strategic thinking.