

# ABIRAMI P

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<https://github.com/Abirami902>

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## SUMMARY:

Aspiring MERN Developer with a strong foundation in web development and programming languages . Passionate about building efficient, scalable, and user-friendly web applications. Demonstrates expertise in front-end and back-end development, problem-solving, and data structures. Highly motivated to continuously learn and grow within a dynamic, tech-forward team. Eager to leverage skills and enthusiasm in a full-stack development role.

## EXPERIENCE:

### MERN STACK DEVELOPER INTERN

Softroniics, Calicut

January 2024 – Present

- Developed and maintained web applications using MongoDB, Express.js, React.js, and Node.js.
- Implemented responsive design principles to ensure optimal performance across various devices.
- Worked with RESTful APIs to integrate back-end services with front-end functionality.
- Wrote clean, efficient, and well-documented code adhering to best practices and coding standards.

### GUEST LECTURE

Calicut University, Thenhipalam Malappuram

September 2023 – January 2024

- Msc computer science
- Object oriented programming concepts (JAVA)

## EDUCATIONAL QUALIFICATION:

### ○ Msc Computer science

Pondicherry University

- 2021- 2023
- Aggregate: CGPA – 8.57

## ○ Bsc Computer science

Emea college of arts and science ,kondotty  
Calicut University

- 2018 - 2021
- Percentage – 79.80%

## ○ Computer science HSC

SPBHSS Ramanattukara

- 2016 - 2018
- Percentage – 92%

## TECHNICAL SKILLS:

- **Programming Languages:** C, CPP ,Java
- **WebTechnologies :**HTML,CSS,Javascript,ReactJs.
- **Development Tools:**Visual studio code ,Git hub,Android studio
- **Database Management:**MongoDB,SQL,DBMS,MySql
- **Frame Works & Libraries:**MERN STACK(Mongo DB,Express.js,React.js,Node js),Bootstrap,Tailwind CSS
- **Other Skills:** Restful APIs,JSON,Github

## PROJECTS:

### ○ UNIVERSITY CHAT BOT 2021

The university chat-bot project is a web application that uses artificial intelligence algorithms to analyze and understand user queries. Users can chat with the bot in any format to inquire about university-related activities without needing to visit the university in person.

The chat-bot features an effective graphical user interface, enhancing the user experience by making it feel like a real person is talking to them. This interactive approach ensures users receive a seamless and engaging response to their queries.

### ○ HEART FAILURE PREDICTION USING MACHINE LEARNING 2023

Heart failure prediction using machine learning involves building a model to predict the likelihood of heart failure based on clinical and demographic factors.

Different methods, including K-Nearest Neighbour, Support Vector Machine, Naive Bayes, Logistic Regression, Decision Tree, and Ensemble Learning, can be employed.

Various clinical and demographic characteristics, including age, gender, blood pressure, blood sugar, cholesterol, and maximal heart rate, are frequently included in the dataset for heart failure prediction. The preprocessed dataset is used to train models, which are then assessed using measures including accuracy, precision, recall, F1-score, and support.

Front end: HTML , CSS, Java script, BootStrap

Back end: Python, SQL Lite

- Worked on Conference Paper for “**Heart failure detection using Machine learning**”

### Languages:

English  
Malayalam  
Hindi  
Tamil

### Certifications:

1. NCC B & C Certificates
2. The Joy of Computing Using Python – IIT Madras
3. Best performer of January 2024 (Softtroniics)