

MOHANAPRIYA.M

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 [Mohanapriya M](#)

 [PriyaM-0725](#)

SUMMARY

- Possess a strong foundation in Python and web development technologies, with experience in creating efficient and user-friendly interfaces.
- Skilled in identifying and resolving technical issues and developing reliable solutions.
- Continuously learning new tools and frameworks to enhance technical proficiency.
- Open to opportunities that support both professional development and organizational growth.

EDUCATION

KCG College	B.E CSE	80.1%	2022 - Current
Shebha Group of Schools	HSE	78.4	2021 - 2022
Shebha Group of Schools	SSLC	79.16	2019 - 2020

PROJECTS

1. BeatAware - Heart Attack Detection and Prediction

- **Description:**

Beataware is an AI-based health monitoring platform that detects and prevents cardiovascular diseases by analyzing vital signs. It provides personalized insights, alerts, an prevent fatal deaths.

- **Techstack:**

Frontend: React.js, Tailwind CSS
Backend: Firebase, MongoDB, Postgre SQL
ML: CNN,LSTM(Hybrid)

- **Duration:** September 2024 - Current

2. EmotionSense: Multimodal Speech & Text Emotion Detection System

- **Description:**

Building an AI-driven emotion detection system that analyzes voice recordings and text input to identify human emotions. Uses Mel-Spectrogram features for speech and a DistilBERT-based NLP model for text, unified through a custom CNN + fusion architecture.

- **Techstack:**

Frontend: React.js
Backend: FastAPI, Python, Pydub (WebM decoding), Librosa (audio processing)
AI/ML: PyTorch, DistilBERT, CNN (for audio), Mel-Spectrogram preprocessing
Tools/Libraries: Librosa, Pydub, Chart.js

- **Duration:** 2025 - Current

3. Personal Portfolio Website

- **Description:**

Designed and developed a responsive personal portfolio website to showcase projects and skills. Implemented smooth animations, optimized performance, and integrated SEO for faster load times. Deployed on Netlify with a netlify domain for global accessibility.

- **Tech Stack:**

Frontend: Next.js, React, Tailwind CSS

Deployment: Netlify

- **Website:**

<https://mohanapriyaportfolioweb.netlify.app/>

- **Duration:** June 2025

INTERNSHIPS

1. Nipix Tech

-3 Months internship on UI/UX

- Completed a 3-month UI/UX internship offered by Nipix Tech, focused on creating user-friendly interfaces, wireframing, and prototyping to improve user experience.

2. Technohacks EduTech

-1 Months internship on Web Development

- Completed a 1-month Web Development internship at Technohacks EduTech, working on user interface design, interactive features, and website functionality using HTML, CSS, and JavaScript and front end frameworks.

3. VCodez

-3 Month Internship on Machine Learning

- Completed a 3-month Machine Learning internship at VCodez, gaining experience in data analysis, data visualization, feature engineering, and model development using Python, pandas, NumPy, and scikit-learn.

SKILLS

- **Programming Language** : Python, C
- **Frontend** : HTML, CSS, React.js, Next.js
- **Data Visualization** : PowerBi
- **Tools** : Figma, Canva
- **Other skills** : Teamwork, Communication, Leadership

CERTIFICATIONS AND ACHIEVEMENTS

- Completed NPTEL course certification in Programming in Java with a score of 60% (Elite Certificate) in April 2024.
- Won **Special Jury award** at **Innothon'24** conducted by KCG College of on 29th September, 2024 for my project **Beat Aware** - Heart attack detection and prediction web app.
- Project **"BeatAware"** selected for MSME Idea Hackathon 4.0, receiving **₹15 lakh funding** for innovation in health-tech and emergency response. Recognized by the **Ministry of MSME** for developing a smart IoT- and AI-based health monitoring and alert system.
- Completed Udemy course certification in **Mastering SQL with MySQL: From Basics to Advanced** in November 2025