

MOHANAPRIYA.M

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 [Mohanapriya M](#)

 [PriyaM-0725](#)

SUMMARY

- Have 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 - Present
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, and prevent fatal outcomes.

▪ **Techstack:**

Frontend: React.js, Tailwind CSS

Backend: Firebase, MongoDB, PostgreSQL

ML: CNN,LSTM(Hybrid)

▪ **Duration:** September 2024 - Present

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 - Present

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. Technohacks EduTech

-1 Month 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.

2. 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

- Completed NPTEL certification in Programming in Java, earning an Elite Certificate (60%), Apr 2024.
- GenAI Powered data Analytics Job Simulation by Forage and TATA (November 2025)

ACHIEVEMENTS

- Special Jury Award at Innothon'24 (KCG College of Technology), Sep 29, 2024, for **Beat Aware**.
- Selected for MSME Idea Hackathon 4.0 – BeatAware with ₹15 lakh funding from **Ministry of MSME**.