

# KARUNYA.V

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## SUMMARY:

- Enthusiastic **Software Engineer** with a strong foundation in **UI/UX design** and **front-end development**.
  - Passionate about **creating user-friendly, and responsive web interfaces** and committed to **continuous learning, collaboration**, and delivering innovative solutions that enhance efficiency.
  - Dedicated to applying technical and creative skills to **drive innovation and ensure the growth and success of the organization**.
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## EDUCATION:

Name of the Institution	Qualification	Marks
KCG College of Technology	B.E(CSE)	<b>8.23</b>
Sairam Vidyalaya	XII	<b>90</b>
Sairam Vidyalaya	X	<b>85</b>

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## PROJECTS:

### 1. Agriaid-Multimodal plant health advisor from image:

- **Description:**  
Developing an **AI-powered plant health advisor** that analyzes **leaf images data** to detect plant diseases and provide treatment recommendations.
- **Tech Stack:**  
Frontend: React.js, Tailwind CSS  
Backend: MongoDB  
ML: CNN (Image Classification).
- **Duration:** October 2025– Current

### 2. BeatAware — AI-Powered Heart Attack Prediction and Detection App

- **Description:**  
Developing a **real-time health monitoring and alert system** using **machine learning models** to predict **heart attack risk** from live patient data such as **heart rate, ECG, and oxygen levels..**
- **Tech Stack:**  
Frontend: React.js, Tailwind CSS  
Backend: Firebase, MongoDB, Postgre SQL  
ML: CNN,LSTM(Hybrid)
- **Duration:** September 2024 – Current

### 3. Personal Portfolio Website:

- **Description:**  
Developed a **personal portfolio website** to showcase my projects and skills, focusing on **clean design, responsiveness, and user-friendly navigation**.
  - **Tech Stack:**  
Frontend: Next.js, React.js, TypeScript,  
Deployment: Netlify
  - **Duration:** July 2025
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### SKILLS:

- Programming Language : C, Python
  - UI/UX : Figma
  - Frontend : HTML, CSS, React.js, Next.js
  - Other skills : Teamwork, Communication, Adaptability
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### INTERNSHIPS:

#### 1. ML Internship — VCodez.

- **Duration:** 3 Months
- **Description:**

Completed an internship focused on **Machine Learning**, gaining hands-on experience in data preprocessing, model training, and real-world predictive analysis.

#### 2. UI/UX Internship — Mitbots.

- **Duration:** 3 Months
- **Description:**

Completed an internship focused on **UI/UX design**, gaining hands-on experience in creating **interactive and responsive website interfaces**.

#### 3. Web Development Internship — Technohacks

- **Duration:** 1 Month
- **Description:**

Internship focused on **web development**, gaining practical experience in building interactive and responsive web applications such as calculator, timer, currency converter.

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### CERTIFICATIONS AND ACHIEVEMENTS:

- Completed **NPTEL course certification** on programming in java with 65%(Elite certificate).
- Won the **Special Jury Award at Innothon'24** conducted by KCG College of technology on September 2024 for BeatAware Project.
- Recognized by the **Ministry of Micro, Small & Medium Enterprises (MSME)** for developing BeatAware Project.