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Education

BE – Computer Science and Engineering

Karpagam College of Engineering , Coimbatore

(2022-2024)

CGPA 9.06 (till 4th semester)

HSC

Adhiyaman Matric Higher Secondary School, Krishnagiri

(2021-2022)

Percentage 92.8%

SSLC

Adhiyaman Matric Higher Secondary School, Krishnagiri

(2019-2020)

Percentage 98.2%

Projects

Restaurant Webpage | HTML , CSS ,Javascript

(July 2023 – August 2023)

- Developed a user-friendly restaurant webpage with features like online ordering, menu display, and reservation system.
- Front end developer; used HTML, CSS, JavaScript for front end .
- Delivered a responsive website, improving online orders and enhances user engagement.

Real Estate Webpage | HTML , CSS , Javascript

(April 2024-May 2024)

- Built a dynamic real estate webpage that allows users to navigate through listings and examine property specifics.
- Lead Front-end Developer; utilized HTML, CSS, and JavaScript for creating an interactive and visually appealing user interface.
- The project improved real estate operations by streamlining property management and enhancing the customer experience.

Food Donation Webpage | HTML , CSS , PHP , SQL

(August 2024 – Ongoing)

- Established a platform for food donations, allowing donors to easily connect with local organizations in need of supplies.
- Full Stack Developer; used HTML, CSS for the front-end, PHP for server-side scripting, and SQL for database management.
- Increased food donation connections by 40%, helping streamline the process of matching donors with food banks and reducing waste.

Internship

BYTS

Python Intern

(July 2023 – August 2023)

Hyderabad

- Interned at BYTS, with a focus on learning Python programming.
- Acquired foundational skills in Python through structured learning sessions conducted by company staff.

InternPe Pvt Ltd.

Web Development Intern | Online

(May 2024 – June 2024)

Jaipur,Rajasthan

- Interned at InternPe, gaining hands-on experience in Web development.
- Acquired practical knowledge in HTML ,CSS, database management.

Certifications

Enhancing Soft Skills and Personality

(February 2023 – April 2023)

Indian Institute of Technology (IIT) | NPTEL

- Focused on communication skills, emotional intelligence, teamwork, and leadership through interactive online sessions.
- Developed stronger interpersonal skills and enhanced self-awareness, enabling more effective collaboration and leadership in diverse environments.

Problem Solving Through Programming in C

(July 2023 – October 2023)

Indian Institute of Technology (IIT) | NPTEL

- Covered fundamental concepts of C programming, including data structures, control statements, functions, and pointers.
- Developed strong problem-solving skills using C language, with a focus on writing optimized and error-free code.

Programming in Java

(January 2024 – April 2024)

Indian Institute of Technology (IIT) | NPTEL

- This course covers core Java programming concepts, including object-oriented programming, data structures, exception handling, and multithreading.
- By the end of the course, students will be proficient in writing Java programs, implementing OOP principles, and managing concurrency in applications.

Problem Solving(Basics), SQL (Basics), Java (Basics)

(September 2024 – October 2024)

HACKERRANK

- Skilled in foundational problem-solving techniques, with practical experience in SQL and Java, showcased through challenges completed on HackerRank.

Technical Skills

Programming Languages	C, Java, C++
Front End Technology	HTML, CSS, JavaScript
Back End Technology	Java
Database	SQL

Research Paper

BeatSync : Leveraging Large Language Models for Sophisticated Music Generation and Integration .

(Ongoing)

- In the era of AI-driven innovation, music processing has become increasingly sophisticated, encompassing tasks such as sound generation, lyric composition, and music classification. To address this, we present **BeatSync**, an advanced AI system designed to enhance music generation and understanding through large language models (LLMs).
- Key capabilities of BeatSync include generating music in various styles, creating unique compositions, offering musical structure insights, and producing lyrics based on topics that can be integrated with user tunes. It outperforms existing systems in quality and serves as a powerful tool for innovative music creation.

Soft Skills

Professional Memberships

- Leadership
- Communication
- Time Management
- Adaptability
- Teamwork
- Emotional Intelligence

ISTE Membership:

(2022-2027)

Member of ISTE (Indian Society for Technical Education), participating in events and workshops to enhance technical knowledge and skills.
