



KARUNAGARAN R

B.Tech. - Information Technology

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BRIEF SUMMARY

Enthusiastic B.Tech-IT student eager to secure an internship opportunity where I can leverage and enhance my problem-solving and programming skills in a dynamic environment. Recognized for a strong foundation in technology and an ability to work collaboratively in a team setting. Thrives under pressure and committed to continuous learning, demonstrating a rapid adaptation to new technologies. A dedicated team player with a passion for contributing to collaborative efforts and achieving shared goals.

KEY EXPERTISE

python HTML5 CSS3 JavaScript SQL OOPs Java AI Database Management System Data Structures
TeamWork Team Management Frontend Rapid Learning Problem Solving Dynamic Programming Jira Web
C Programming React.js

EDUCATION

Sri Sivasubramaniya Nadar College of Engineering (SSN), Chennai

2021 - 2025

B.Tech. - Information Technology | CGPA: 7.03 / 10

Government Hr Sec School, Panamalai Pettai, Viluppuram

2021

12th | Tamilnadu | Percentage: 91.74 / 100

Government Hr Sec School, Panamalai Pettai, Viluppuram

2019

10th | TNBSE | Percentage: 90.80 / 100

AWARDS AND SCHOLARSHIPS

- o NMMS-National Means-cum-Merit Scholarship. Awarded the NMMS Scholarship in recognition of academic excellence and merit, providing financial assistance throughout the 9th to 12th grade.

PROJECTS

HomelyHub-MERN STACK

24 Feb, 2024 - 31 Mar, 2024

Mentor: Richa Jha | Team Size: 1

Key Skills: Front-End Web Development React.js MongoDB Node.js Javascript Full Stack

Project Link: <https://github.com/KarunakaranR/HomelyHub-MERN-STACK>

HomelyHub is a platform that lets people find and book unique places to stay while traveling. Whether it's a cozy home or a fancy villa, or room, you can experience a personalized stay.

1. HomeLyHub Concept: Develop a platform linking homeowners with home services, facilitating property management seamlessly.
2. UI Design: Create an intuitive and visually pleasing interface using HTML, CSS, and JavaScript for optimal user experience.
3. MERN Stack Implementation: Utilize MongoDB, Express.js, React.js, and Node.js to construct both backend infrastructure and frontend interface.
4. Third-Party API Integration: Integrate key third-party APIs like payment gateways and scheduling tools to augment functionality seamlessly.

VR Tourism App

01 Feb, 2024 - 30 Mar, 2024

Mentor: Dr.Sornvalli | Team Size: 4

Key Skills: HTML5 CSS Javascript Flask Ngrok VR Oculus

Project Link: <https://github.com/KarunakaranR/VR-Tourism-App>

An immersive virtual reality (VR) experience that allows users to explore the world wonders from the comfort of their homes. The challenge is to create a platform that accurately represents the architectural, historical, and cultural significance of each wonder while ensuring an engaging and interactive experience for users.

Nutrifit-DIET RECOMMENDATION SYSTEM USING AI

10 Aug, 2023 - 30 Nov, 2023

Mentor: Dr.Radha | Team Size: 3

Key Skills: AI Python FIGMA HTML5 CSS SQL Streamlit

Project Link: <https://github.com/KarunagaranR/Nutrifit-DIET-RECOMMENDATION-SYSTEM-USING-AI>

The Software should serve as a lifestyle guide by providing recipes and workout demonstration helping the individuals to attain a healthy lifestyle.
Apply Fuzzy logic algorithm to identify the body category of the individual based on user input.
Develop a Knowledge Based system using the databases for diet ,recipes and workouts.Offer recommendation by providing meal plan and workout split dynamically.Integrate detailed recipe generation and video demonstration for workouts in Web Interface.

PG Accommodation System

29 Mar, 2023 - 29 Jun, 2023

Mentor: Dr.Uma Maheswari | **Team Size:** 6

Key Skills: HTML5 CSS Javascript Flask Web MySQL XAMPP

Project Link: <https://github.com/KarunagaranR/Student-Accommodation-System>

Develop a project that finds suitable accommodation for students in a city.

By incorporating preferences for amenities, budget constraints, and proximity to desired locations, the project aims to assist students in finding the best accommodation that meets their individual needs and preferences.

Database creation :To store information about accommodations.MySql Connectivity :Storage of each records with distance in Nested List. Priority Queue for Implementation :Record storage and recommends based on budget and proximity to distance
Splay Tree Implementation :To access the recent booking PG.

Courier Management System

14 Jun, 2022 - 14 Sep, 2022

Team Size: 7

Key Skills: Data Structures Problem Solving Python Programming Algorithms Tkinter

Project Link: <https://github.com/KarunagaranR/Courier-Management-System>

Develop a system to manage their dispatch service that Computerize the data maintained in the service system.It Simplifies Courier Management and Routing.
The parcel should be assigned a unique tracking number using which the status of the parcel can be tracked. The sender and the receiver address, and contact details have to be maintained in the system. Once the parcel has reached the destination office, the sender and the receiver should be notified. It should be possible to fetch a location and date-wise list of deliveries from the system. Even after completion of the delivery, the system should be able fetch the relevant details using the tracking number.

ACHIEVEMENTS

- 10th Grade: Secured 1st place in school.

ASSESSMENTS / CERTIFICATIONS

AI-Powered Performance Ads Certification

24 Jul, 2024

Aggregate: 85 / 100

Key Skills: AI Google Ads

Understand the importance of Google’s cross-channel AI solutions and learn how to create and optimize these campaigns to achieve business goals.

NM-AU-TNCPL-Hackathon

Key Skills: Artificial Intelligence Data Science Full Stack Development

Naan Mudhalvan-Tamil Nadu Coders Premier League (NM-TNCPL), is a prestigious event in collaboration with Tamilnadu Skill Development Corporation (TNSDC), a Government of Tamil Nadu Initiative, in association with CEAT-Anna University, and M/s. Guvi A phase dedicated to online skill development where students will receive specialized training in areas like Data Science, Artificial Intelligence, Machine Learning, PyTorch, and Python.

Python

Key Skills: Python

Proficient in Python programming with expertise gained through Guvi's courses. Skilled in web development, data analysis, and automation.

Programming in Java

Aggregate: 63 / 100

Key Skills: Java

AI-2.0

Key Skills: AI

EXTRA CURRICULAR ACTIVITIES

- Currently serving as an active volunteer in NSS-National Service Scheme

PERSONAL INTERESTS / HOBBIES

- System Troubleshooting Enthusiast: Proficient in resolving software issues and optimizing operating systems. Passionate about technological advancements.
- Cricket Enthusiast: Avid follower of cricket, staying updated on international matches and tournaments. Appreciates the strategic and teamwork aspects of the sport, drawing parallels to problem-solving and collaboration in the professional realm.

PERSONAL DETAILS

Gender: Male	Date of Birth: 25 Sep, 2004
Marital Status: Single	Known Languages: English,Tamil
Current Address: 1/9,Malaiyora	Phone Numbers: +91-9342826952, +91-8072518562
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