

Ragavendra Raja J

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EDUCATION

Vellore Institute of Technology,

Integrated M.Tech Computer Science Engineering Core

Vellore, India

2021- present

- Cumulative GPA : **8.74/10.0**

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Database Systems, Computer networks, Artificial Intelligence

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, Java, JavaScript, HTML/CSS, R, Matlab, MongoDB

Frameworks: React, Node.js, Django, Bootstrap, Next.js, TailwindCSS

Developer Tools: VSCode, Git, Github, Github pages

Libraries: Pandas, NumPy, Matplotlib, OpenCV, Tkinter

PROJECTS

JustBroom: Hostel Room Cleaning Management System

- Developed a responsive web application using HTML, CSS, JavaScript, and Bootstrap, with MongoDB for backend storage and task management.
- Implemented task scheduling and real-time feedback features, enhancing operational efficiency and communication for over 200 hostel residents and staff.
- Deployed on GitHub Pages, facilitating user access and improving internal coordination.

Advanced Hotel Recommendation System with Web Scraping and Sentiment Analysis

- Developed an advanced hotel recommendation system: Utilized web scraping techniques to gather data from online sources and applied sentiment analysis to user reviews, providing actionable insights.
- Employed Python libraries: Leveraged BeautifulSoup and NLTK for precise data processing and ranking based on sentiment analysis.

Professional Portfolio Website with TailwindCSS and Next.js

- Created a modern portfolio website using TailwindCSS for responsive design, Next.js for server-side rendering and performance optimization, and FramerMotion for interactive animations.
- Achieved high visibility and professional presentation with a custom domain, launching the site on Vercel and GitHub Pages with advanced user engagement features.

EXTRACURRICULAR AND EXPERIENCE

Senior Core Committee Member | Apple Developers Group, Mozilla Firefox Club January 2023 – February 2024

- Led the organization of tech events and workshops, focusing on iOS development and coding challenges, resulting in increased outreach and engagement.
- Managed event planning and execution, enhancing team leadership and effective management.

Senior Core Committee Member | DigitSquad VIT

January 2022 – January 2024

- Developed and managed technical projects: Spearheaded the creation of innovative software solutions, enhancing club operations and member engagement.

Senior Core Committee Member | Youth Red Cross VIT

March 2022 – February 2024

- Orchestrated donation drives and motivated team participation, successfully enhancing community involvement and engagement.
- Championed awareness campaigns: Promoted blood donation, driving increased community participation and support.

Coordinator | Riviera'24

January 2024 – March 2024

- Managed sales operations for Riviera'24, one of India's top 5 cultural fests, overseeing sponsorship acquisition, event ticket sales, and merchandise distribution.
- Formulated and executed sales strategies, fostering robust client relationships and contributing significantly to the fest's success.

CERTIFICATIONS

Microsoft Certified: Azure AI Fundamentals

Python for Data Science IBM Developer Skills Network