Ragavan N S

github.io/portfolio | Ranipet, India
ragavanns24@gmail.com | +91 9360413425 | Leetcode Rating : 1550+

EDUCATION

VEL TECH MULTI TECH DR. RAN GARAJAN DR. SAKUNTHALA ENGINEERING COLLEGE
B.tech Information Technology
Expected June 2025 | CGPA: 8.44/10.0

NAG VIDYASHRAM CBSE SR SEC SCHOOL
Grad. 2021 | Percentage: 88.6

NAG VIDYASHRAM CBSE SR.SEC SCHOOL
Grad. 2019 | Percentage: 71.8

LINKS

Github:// **ragavan-ns**
Linkedin:// **ragavan24**
Leetcode:// **ragavanprogrammer**
(300+ problems)
HackerRank://**ragavan_IT_A**

SKILLS

PROGRAMMING
Advanced:
HTML • CSS • Java • C • ReactJS
MySQL • Git
Intermediate:
Python • C • Servlets • JSP • Node.js
Familiar:
APIs • Figma

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Database Management System
Computer networks
Object Oriented Programming
Operating System

INTERESTS

TECHNICAL
Web Development | Problem Solving |
Machine Learning

NON-TECHNICAL
Traveling | Sketching | Chess | Networking
| Football

EXPERIENCE

BOROLA TECHNOLOGIES | Intern
01/2023 – 02/2023 | Chennai, India
- Learned to capture and process video data using **Python** and **OpenCV** and worked with the **Haarcascade model** for object detection.
- Gained experience with **I2C protocol** and Max30100 sensor, integrating sensor data in **machine learning applications**.
- Utilized **Keras** and **TensorFlow** to develop deep learning model for drowsiness detection.

PROJECTS

ALZCARE
React Native | Axios | Node.js | MySQL
- Developed an application to assist Alzheimer's patients with daily routines and scheduling.
- The app enhances patient independence and improves quality of life by reducing reliance on caregivers.
- It delivers timely reminders, appointment scheduling and navigation to saved locations through an intuitive, user-friendly interface.

MOVIE RECOMMENDATION
Python | Pandas | NumPy | Matplotlib | Apriori
- Developed a personalized recommendation system using association rule learning based on the Apriori algorithm.
- Achieved an accuracy rate of 95%, significantly improving personalized movie recommendations.
- Applied the Apriori algorithm to discover frequent itemsets and generate association rules for movie recommendations.

AWARDS

Year	Rank	Event
2024	1st	VTMT Codeathon July 2024 Edition
2024	2nd out of 350	VTMT Codeathon April 2024 Edition
2024	Top 2% out of 14693	Programming in Java - NPTEL
2023	3rd	Capture the Flag, Debugging

CERTIFICATIONS

- **Programming in Java (NPTEL)** - 04/2024
  Scored 79% and Passed with Elite + Silver Badge

- **Introduction to Front- End Development (Meta)** - 11/2023

- **MERN Full Stack Web Development (PrepInsta.com)** - 08/2023

- **Programming in Python (GUVI, IIT Madras)** - 11/2022

ORGANIZATIONS

CLAN OF CODERS   Feb,2024 - Present | [Link]
Co-founder of the tech community with 100+ members, focusing on technical content related to programming and technology.