

VIJAYAPRAKASH M

Competitive programmer

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Linkedin | **GitHub** | **CodeChef** | **LeetCode** | **HackerRank**

EDUCATION

Muthayammal Engineering College
Bachelors Computer Science and Engineering
CGPA: 9.29

Rasipuram
july 2021 - july 2025

Rasi Matric Higher Secondary School
Higher Secondary Maths Biology
Percentage: 92%

Malliakarai
july 2019 - july 2021

Rasi Matric Higher Secondary School
SSLC Science
Percentage: 90.2%

Malliakarai
Oct 2010 - june 2019

SKILLS

Programming Languages: C, C++, Python, Java, HTML, CSS, PHP
Libraries/Frameworks: Tensorflow, Keras, FPDF, React Js, Node Js, Express Js
Tools / Platforms: Ms Office, Linux
Databases: My SQL

PROJECTS / OPEN-SOURCE

Automated report Generator | [Link](#)

React, Express, Node, My SQL, JavaScript Pdf.

Initiated and led a team of 8 developers to create a specialized college website focused on automating report generation and integrating a separate dashboard. Effectively addressed a challenging issue within the college related to event report creation.

Implemented website hosting on the college server, ensuring streamlined access for all faculty members and resulting in a 50% reduction in work load, thus enhancing efficiency and productivity across departments.

Cloud based Web app for Brain tumor detection | [Link](#)*Python, Pandas, Numpy, Tensorflow, Streamlit and Keras.*

Developed and established a robust cloud-based AI model leveraging Python and TensorFlow, empowering medical professionals with a user-friendly web application for timely brain tumor severity detection; reduced diagnostic errors by 30% and improved patient outcomes.

Strategically hosted the application on the Streamlit Community Cloud, resulting in a 40% reduction in processing time due to access to higher computation power and GPU resources, effectively improving efficiency and enabling faster diagnosis.

Customer Credit Management System

Google Sheets, Js

Designed and implemented a comprehensive Data Entry Panel and Customer Credit Monitoring System for a grocery store, utilizing Google Sheets for seamless functionality and integration.

Developed a user-friendly interface to facilitate efficient data entry and hosted customer credit monitoring.

Leveraged Google Sheets to ensure complete functionality and accessibility across various devices and platforms, enhancing operational efficiency and customer service.

Tech Stack : Google sheets, App script, Java Script .

CERTIFICATIONS

- Best Presentation award on PORT2K22 - Sona College of Technology.
- Best coder award on SYMITEC2K22 - Muthayammal Engineering College.
- Best Coder award on PORT2K22 - Sona College of Technology.

- Problem solving (intermediate) - **HackerRank**
- Gold badge for C++ - **HackerRank**
- Best Presentation award in YUDDHAVARNA 2K23 - M Kumaraswamy College of Engineering.
- Best coder award in YUDDHAVARNA 2K23 - M Kumaraswamy College of Engineering.
- Introduction to Internet of Things - 72 % - NPTEL.
- Best Presentation Award on PORT 2K24 - sona college of technology.
- Problem solving through programming in C - 70% - NPTEL.
- Best Coder Award in PORT2K24 - sona college of technology.
- 3rd Place in Project Presentation - Muthayammal Engineering College.

HONORS & AWARDS

430+ problems solved on leetcode and 300+ problems solved on codechef

Global rank 1 for 2 times in Codechef long challenge for Division 4

1530 rated on Leetcode

1570 rated on Codechef

Won Zonal level chess competition conducted by Rasi Matric. Higher Secondary School