

Vijayaprakash M

Competitive programmer

vijayaprakash885@gmail.com | 9597996275 | 5/75 seeliampatty po seeliampatty

LINKEDIN | GITHUB | CODECHEF | LEETCODE | HACKERRANK

EDUCATION

MUTHAYAMMAL ENGINEERING COLLEGE
BACHELORS COMPUTER SCIENCE AND ENGINEERING
CGPA: 9.29

july 2021 - july 2025
Rasipuram

RASI MATRIC HIGHER SECONDARY SCHOOL
HIGHER SECONDARY MATHS BIOLOGY
Percentage: 92%

july 2019 - july 2021
Malliakarai

RASI MATRIC HIGHER SECONDARY SCHOOL
SSLC SCIENCE
Percentage: 90.2%

Oct 2010 - june 2019
Malliakarai

SKILLS

PROGRAMMING LANGUAGES	C, C++, Python, Java, HTML, CSS, PHP
LIBRARIES/FRAEMWORKS	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.
- Best Presentation Award on PORT 2K24 - sona college of technology.
- Introduction to Internet of Things - 72 % - NPTEL.
- 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