Tamilkumaran N

Email : tamilkumaran1494@gmail.com
Mobile : +91 9025015881

Villupuram, India, 604102
github.com/Tamilkumaran17
linkedin.com/in/tamilkumarann/

EDUCATION

- Sri Eshwar College of Engineering — coimbatore, India, 641202
  B.E Computer and Communication Engineering CGPA : 8.9 — 2022 - 2026

EXPERIENCE

- GirlScript Summer of Code (GSsOC) — Remote
  Opensource Contributor — May 2024 - present
  - Contributed to open-source web projects, enhancing UI responsiveness and interactivity for tools like a shell game and calculator; improved user engagement and accessibility. Collaborated with a distributed team to resolve 15+ issues and implement new features, accelerating development cycles by 30%.

PROJECTS

- AUTOMOTIVE E-COMMERCE WEB APPLICATION (Web Application): Designed and developed a full-featured e-commerce platform for automotive products, including bikes and car accessories. Focused on delivering a visually appealing and intuitive UI with essential functionalities such as product browsing, cart management, and order placement using the MERN stack. hackathons and other tech events.
  - Tech stack : Node.js, MongoDB, Express, React.js

- PHOTO MANAGEMENT APP (Web Application): Built a responsive photo management application allowing users to upload, view, edit, and delete images. Integrated Cloudinary for secure image storage and utilized React-Window for efficient rendering of large image datasets.
  - Tech stack : React.js, Cloudinary, React-Window, Axios, CSS

- CHESS GAME (Web Application): Implemented an interactive chess game using the MERN stack, featuring a basic AI opponent with randomized moves. Focused on creating an engaging UI and seamless gameplay by managing game state and user interaction through efficient backend and frontend communication.
  - Tech stack : MongoDB, Express.js, React.js, Node.js

- TEMPSENSE (IoT-Based Embedded Systems): Engineered an IoT-based temperature and humidity monitoring system using ESP8266, with real-time data visualization via the Blynk app. Integrated Google Sheets for data logging and implemented threshold-based alerts through buzzer activation and email notifications.
  - Tech stack : ESP8266, DHT11 Sensor, Google Sheets, Blynk App, Arduino IDE

ACHIEVEMENT

- Leetcode Max Rating - 1820| Best Rank 845| Problem Solved - 850+
- Codechef Max Rating - 1432 | 2 Star Coder | Best Global Rank 1050| Problem Solved - 300+
- Codeforces Max Rating - 891| Problem Solved - 20+
- Hackerrank 4-star in C++, 4-star in C | Hackos 2971
- Coding Ninjas Problem Solved - 140+

SKILLS SUMMARY

Skills : Data Structure and Algorithm, Object Oriented Programming, Frontend Development

Languages : C, C++, Java, HTML, CSS, SQL, JavaScript

Libraries/Framework : React JS, Node JS

Tools/Platform : GitHub, VS Code, IntelliJ, Canva

Database : Mysql, MongoDB

CERTIFICATES

Certified in JAVA, Python, MySQL, Problem Solving in Hackerrank — 2023

Certified in Mastering Data Structures and Algorithms using C and C++ — 2023

Problem Solving Through Programming in C. — 2023