**Sathian M**

**EDUCATION**

* **B.Tech** **Computer Science and Engineering**

**CGPA – 7.69 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 75% **2019**

Institution: Shri Chaitanya Techno School

* **Class 10** – 94% **2017**

Institution: Maharishi Vidya Mandir

**PROJECTS**

**Numerical Calculator**

The aim of this project is to provide a good user interface with a fast solution for mathematical problems in any field in engineering to find roots or do any interpolation method.

The project covers advanced root-finding methods like Bisection, Newton-Raphson, Secant, Regular-Falsi, and fixed iteration methods. Also cover the interpolation methods like Forward, Backward, Lagrange's, and Divided Difference methods.

**NFT Showcase**

The aim of the project was to help nft collector to create their own art gallery without coding or knowing how to build a website.

Integrated website with blockchain and metamask wallet to create a decentalized platform.

**HOI**

It's a machine learning model that analysis the leaf and tells us whether the plant is diseased or healthy.

We used ML models like naive bayer's, CNN and image preprocessing method to continuously increase the precision of te model.

**TECHNICAL SKILLS**

Python, C, C++, Java, JavaScript, CSS, HTML

**INTERNSHIP**

**Student Intern**, Fabrik

Worked on metaverse and augmented reality with threejs, easy RTC and more. Designed new features like adding 3D text. Solved Adding perspective points effortlessly and wrote unit test cases for various function. Performed with third-party companies to implement metaverse in their platform.

**CERTIFICATIONS**

Machine Learning – GDC, BlockChain – Simplilearn, DSA - Codeforces ITMO

**EXTRA CURRICULAR ACTIVITIES**

**Core Team Member,** Pravidhi Tech Fest

Pravidhi is the Technical fest of Amrita School of Engineering. As a part of core team, I took responsibility of Design and decor team and Web dev team. Helped in creating website for the tech fest and took care of decorating the college for the event. As I worked with a large group of people, learned leadership skills and team management skills.

**Hackathon Moderator,** Honeywell

Moderated Amrita Honeywell Hackathon 2021 as a team of 8 members who had different problem statements.

Managed the contestants and SMEs by hosting meetings and moderating them, which opened up a way to interact with different students from different campuses and SMEs as well.

**Design and decor team Core Member,** Kalanjali - College Fest

Kalanjali is the Amrita Vishwa Vidhyapeetham, Bangalore College Fest. Acted as the core member of Design and Decor team. Collaborated with large number of volunteers and produced the outcome within a period of time. Developed organizational and conflict resolution skills.

**Webinar Supporting Host ,** CodeChef -ASEB.

Volunteered an enthralling talk with three of our alumni members to get a glimpse of coding, career paths, and their experiences, conducted by CodeChef ASEB Chapter. I had a great exposure to interact with them and to review fresher's questions.

**Web Developer,** FACE -Forum for Aspiring Computer Engineers

Worked as a Web Developer for FACE for Year 2020-21 and upgraded the FACE website for the year 2020-21 and worked on the FACE flagship event SLAC (Stay Late And Code) Website. Explored and Strengthened a lot of stuff with others and worked a team to update Team Page 2020-21

**Speaker,** CodeChef ASEB

Lead speaker in the Roadmap to Competitive coding event conducted by CodeChef ASEB Chapter.Guided student about competitive programming and how to get better at it. Accelerated the signup for CodeChef Community member by 20%.