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Silaiman, Madurai(dt)

SKILLS

- C, Java, Python
- Front End Technologies- HTML, CSS, JAVASCRIPT
- Frameworks : Bootstrap, Tailwind CSS, React .
- Back End- Node.js, Express.js, Flask
- Database-MySQL, MongoDB,
- Problem-Solving
- Leadership
- Teamwork & Collaboration
- Adaptability

EDUCATION

SECONDARY SCHOOL

Kalyani Matric hr.sec.School

2021 - 2023

BACHELOR OF ENGINEERING

Thiagarajar College of engineering

2023 - 2027

CGPA: 8.40*

LEADERSHIP & RESPONSIBILITIES

Joint Treasurer in Computer Science Engineering association- Present

Class representative-4th Semester

LANGUAGE

English

Tamil

MOHAMMED FAYAZ A

UNDERGRADUATE STUDENT –

COMPUTER SCIENCE |

EXPLORING WEB TECHNOLOGIES



My Portfolio

Third-year B.E Computer Science student with a strong foundation in programming (C, Python, Java) and MERN Stack development (MongoDB, Express.js, React, Node.js). Experienced in building interactive websites and participating in national-level tech events. Holds certifications in Web Development and IoT, with hands-on project experience including a National Level Hackathon submission. Recognized for leadership as an event coordinator and driven by a passion for solving problems and building secure digital solutions.

CERTIFICATIONS & WORKSHOPS

- Privacy and Security in Online Social Media – NPTEL, May 2025 (Elite Certificate)
- App Development Internship – July 2024
- Completed a course on Design Thinking Practitioner and Co-Creator by IBM.

TECHNICAL EVENTS & ACHIEVEMENTS

- First Prize in National Technology Day Hackathon 2025 - Thiagarajar College of Engineering in collaboration with Thiagarajar Mills Pvt. Ltd.
- First Prize in Learn-a-thon Web Development - Institution of Engineers (India), CSE Student Chapter, Thiagarajar College of Engineering.
- Best Tool Demo Flask in F'STIVAL 24 – GLUGOT ASSOCIATION, Thiagarajar College of Engineering.

PROJECTS

Sound Decibel Sensor for Machine

- **Objective** : To develop a real-time machine condition monitoring system using sound decibel analysis, integrating hardware sensors and signal processing techniques to enable predictive maintenance through acoustic pattern recognition.
- **Languages** : Python -Machine Learning
- **Components** : Raspberry Pi, MEMS Microphone, Buzzer, FFT (Fast Fourier Transform), Spectrogram, Real-time Monitoring Script.

Alumni Networking Platform

- **Objective** : To develop and implement a robust platform using Flask and MySQL that facilitates meaningful alumni-student interactions by providing mentorship opportunities, enhancing professional networking, and offering continuous academic and career support.
- **Languages** : HTML, CSS, JavaScript, Python – Flask, MySQL,
- Certified as Best Tool Demo in F'STIVAL 24