My Portfolio

63830835606

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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
91.8%

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 – COMUPTER SCIENCE | EXPLORING WEB TECHNOLOGIES

I'm Mohammed Fayaz, a passionate Full-Stack Developer currently pursuing My Bachelor's in Computer Science and Engineering at Thiagarajar College of Engineering. I thrive on solving real-world problems through technology, often participating in hackathons to turn ideas into impactful solutions. I'm deeply interested in IoT, Artificial Intelligence, and Machine Learning, and I've also worked on projects that bridge hardware and software. My true love lies in crafting beautiful, responsive, and futuristic websites — especially with React and single-page architectures.

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