

Muthukumaran S

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Bachelor of Engineering(cse)

St Joseph's Institute of Technology, Chennai

Skillrack-1000+, LeetCode-180+

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EDUCATION

•Bachelor of Engineering in Computer Science and Engineering

2021-25

St Joseph's Institute of Technology, Chennai

CGPA: 8.95

•HSC in Mathematics with Computer Science, State Board

2020-21

Vidya Mandir Mat. Hr. sec school, Alathiyur

SCORE: 93.03%

PERSONAL PROJECTS

•Multimedia Content Viewer: Movie Catalog and Recipe Tips

A website based facial authentication system, implemented using a Chrome Extension.

- Facilitating users' logins to websites without having to remember their credentials
- Used Live detection techniques to create high order security.
- Technology Used: Python, Reactjs, Bootstrap.

•Supabase Authentication Integration

Developed a Svelte-based web application for creating and editing user-specific PokéPages..

- Integrated Supabase for secure user authentication and data management. Enabled personalized PokéPage storage and editing, enhancing user experience.
- Technology Used: Svelte, Supabase, Tailwindcss.

•Motion Detection Surveillance System

Real-time surveillance system using OpenCV and Twilio for motion detection and SMS alerts.

- This Python project utilizes OpenCV for motion detection with a webcam. It sends SMS alerts using Twilio upon detecting motion beyond a set threshold.
- Technology Used : Python, OpenCV(cv2), imutils, Twilio API, threading, and Winsound..

EXPERIENCE

•Saem Mosae Edtech Private Limited

June - Aug 2024

Virtual Internship

Online

- Built a news app frontend using Svelte for interactive UI. Solved UI challenges with Svelte components for optimal user experience.
- Managed user data and authentication using Supabase backend.
- Demonstrated proficiency in full-stack development for a real-world application. Successfully delivered a functional news application.

•Interlace India Private Limited

May 2023

Remote Internship

Online

- Developed Notes Pro app using Android Studio and Java.
- Implemented Firebase integration for backend connectivity.

TECHNICAL SKILLS AND INTERESTS

Languages: Java, Shell, C, Python, Javascript, HTML+CSS

Libraries/Frameworks: Svelte, ReactJs

Tools: VScode, Eclipse, Git, Github, PostmanAPI, Figma, PowerBI

Cloud/Databases: Relational Database(mysql)

Relevant Coursework: Git & Github, Web development, Sql

Areas of Interest: Web Design and Development.

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

AWARDS & POSITIONS OF RESPONSIBILITY

•Conocithon 2.0 - It's Not a Bug, It's a Feature (IEEE)- 24 Hours Track

Mar 2023

- Led a team in creating a women's safety app. Earned the IEEE Hackathon Consolation Prize for exceptional problem-solving and teamwork, receiving a cash award.

•Technical Symposium Clever Bot

Mar 2023

- Secured First Place in CIT College's Multi-Round Quiz Competition, demonstrating superior knowledge and quick thinking skills.

•Hope Member (Responsibility) a collegiate coding community