

SUSMITHA T

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EDUCATION

Saranathan College of Engineering

Bachelor of Engineering in Computer Science | GPA: 8.92/10.0

Tiruchirappalli, TN

2020 - 2024

TECHNICAL SKILLS

- **Languages:** C, Java, Python, SQL, HTML
- **Databases:** MySQL
- **Business Intelligence tool:** Power BI
- **Operating System:** Windows

SOFT SKILLS

- Empathetic Leadership • Strategic Thinking • Resilient Under Pressure • Cultural Sensitivity
- Willingness to Learn • Growth-Oriented

PROJECTS

OBJECT DETECTION SYSTEM FOR BLIND PEOPLE

- Developed an object detection system for the visually impaired using YOLO for real-time object identification and audio-based navigation.
- Designed efficient data flow pathways and optimized system architecture, improving performance by 10%.
- Enhanced user experience with a user-friendly interface and reduced audio output latency by 25%.

LIBRARY MANAGEMENT SYSTEM - ANDROID APP |

- Developed an Android app for library management, allowing users to borrow, browse, and return books with search and recommendation features.
- Tracks borrowing history, due dates, and sends notifications for reminders and updates.
- Includes admin features for managing the catalog, user accounts, and generating reports.

INTERNSHIP - PERSONAL FINANCE MANAGEMENT APPLICATION-PYTHON DEVELOPER

- Developed a Personal Finance Management app, including user registration, authentication, and budgeting features.
- Implemented income and expense tracking with financial report generation and data persistence.
- Conducted testing and contributed to detailed project documentation.

COMPETITIONS/ACHIEVEMENTS

- Demonstrated knowledge and skills by winning quiz competition.
- Achieved first place in SSLC examination
- Received medal in shuttlecock competition
- Get first mark in mathematics in HSC

WORKSHOPS

- Participated in the "CLOUD COMPUTING" workshop hosted by M. Kumarasamy College of Engineering, Karur.
- Mentored in "SKILLS MENTEE BY TCS" at Saranathan College of Engineering, Trichy.

CERTIFICATIONS

- Full Stack Development | **Infosys Springboard**
- HTML | **great learning**
- Full Stack Development | **Inlustrro**
- Python Fundamentals | **Inlustrro**