SINGARAVEL M

Electronics Graduate

- ✉ singaravel.ec20@bitsathy.ac.in
- ☎ 9080579873
- ◉ Sathyamangalam
- ⌕ https://github.com/SINGARAVEL26
- in https://www.linkedin.com/in/singaravel-m/

🧩 PROFILE

Enthusiastic and detail-oriented recent graduate with a strong foundation in data analysis, statistics, and data visualization. Proficient in SQL, Python, and Excel, with hands-on experience in data cleaning, preparation, and interpretation through academic projects and internships. Eager to apply analytical skills to real-world business problems and contribute to data-driven decision-making. Quick learner with excellent problem-solving abilities and a passion for uncovering insights from data.

🎓 EDUCATION

B.E - ECE
BANNARI AMMAN INSTITUTE OF TECHNOLOGY

06/2024 | Sathyamangalam

CGPA - 7.87

DIPLOMA IN ECE
SAKTHI POLYTECHNIC COLLEGE

05/2019 | Appakudal

Percentage - 75%

SSLC
LITTLE FLOWER MATRICULATION HIGHER SECONDARY SCHOOL

05/2016 | Sathyamangalam

Percentage - 83%

📖 CERTIFICATION

The Joy of Computing Using Python

01/2023 – 04/2023

NPTEL Online Certification Course(12 week)

🧠 SKILLS

C Programming	● ● ● ● ●
Microsoft Excel	● ● ● ● ●
Google Sheets	● ● ● ● ●
OOPS in Java	● ● ● ● ○
Python	● ● ● ● ○
SQL	● ● ● ● ○

🧩 INTERNSHIP

TESSOLVE SEMICONDUCTORS
Role - Embedded and VLSI Design Intern

07/2022 – 08/2022 | Coimbatore

ETHER INFOTECH
Role - React Developer Intern

04/2023 | Coimbatore

📁 PROJECTS

AI BASED COLLEGE SURVEILLANCE SYSTEM FOR CLASS SKIPPER

DESCRIPTION : This project integrates facial recognition and attendance tracking to enhance campus security. Employing machine learning algorithms, it automates attendance monitoring, alerts authorities of unauthorized access, and ensures a secure learning environment, promoting academic integrity and student safety.
ROLE : Hardware Designer.
TEAM SIZE : 2
DURATION : 60 days

DESIGN AND DEVELOPMENT OF OPEN-SOURCE EMBEDDED HARDWARE BOARD FOR EDUCATION USE

DESCRIPTION: Create open-source embedded hardware for educational purposes, fostering hands-on learning. Design and develop interactive devices that inspire students to explore electronics and programming. Empower learners to experiment, innovate, and understand technology through accessible and customizable hardware tools.
ROLE: Printed Circuit Board Designer.
TEAM SIZE : 3
DURATION: 30 days