

Risanth K

| risanthkece2022@ksrce.ac.in | 9952451407 | <https://www.linkedin.com/in/risanth34/>

EDUCATION

K.S.RANGASAMY COLLEGE OF ENGINEERING

BE ELECTRONICS AND COMMUNICATION ENGINEERING

TIRUCHENGODE, TAMILNADU

Cum.GPA:8.43 | Grad:2025

SVB MATRIC HR.SEC

HSC-2021

Tiruchengode, TamilNadu

PERCENTAGE:86

HOLYANGELS MATRIC HR.SEC

SSLC-2019

Tiruchengode, TamilNadu

PERCENTAGE:74

SKILLS

LANGUAGES

Advance:C | Java

Intermediate:C++ | HTML | CSS

TOOLS AND TECHNOLOGIES

MATLAB | MongoDB | Embedded Systems|

TECH PROFILE LINKS

Github-github.com/risanthkarthi

<https://www.linkedin.com/in/risanth34/>

COURSEWORK

GRADUATE

Object Oriented Programming

Advanced PowerBi

Digi-Trick Solving on Automation

Machine Learning

Embedded Systems

ACHIEVEMENTS

ACADEMICS

- Tech Stack: Embedded C, Linux, Python, TensorFlow, PyTorch, Apex, Lightning Web Components, Salesforce CRM, HTML, CSS, JavaScript.

CODING

Completed a 150-hour Pre Engineering course in C, C++, and CORE JAVA, earning a Certificate of Merit for excellence from ITECH Education Center, Tiruchengode

EMBUZZ TECHNOLOGIES PVT LTD | HARDWARE ENGINEER INTERN

03 January 2023 – 06 January 2023 | Coimbatore

- Acquired mastery in Logical GPIO Concepts and hands-on experience in Embedded 'C' during a dynamic 20-hour internship at Embuzz Technologies, showcasing adeptness in hardware programming and active learning engagement.
- Tech Stack: Ebedded C

DREAMWORK DIGITAL SOLUTION PVT LTD | SOFTWARE ENGINEER INTERN

June 13 2023 – June 25 2023 | Erode

- Successfully completed an intensive Inplant Training in Networking at Dreamwork Digital Solution, showcasing adeptness in practical networking concepts and techniques
- Tech Stack: Linux, Python

MATHWORKS INDIA PVT LTD | SOFTWARE ENGINEER INTERN

May 2023 – September 2023 | Bangalore

- Completed the MathWorks Virtual Internship Program endorsed by AICTE, specializing in 'Get started with Artificial Intelligence', showcasing aptitude and competence in AI fundamentals from May to September 2023.
- Tech Stack: TensorFlow | PyTorch for AI development

SALESFORCE INDIA PVT LTD | SOFTWARE ENGINEER INTERN

November 2023 – January 2024 | Bangalore

- Demonstrated proficiency in Salesforce development through completion of an intensive 8-week virtual internship, encompassing modules on Salesforce Fundamentals, Organizational Setup, and Process Automation Specialist training.
- Tech Stack: Apex, Lightning Web Components (LWC), Salesforce CRM, Salesforce Trailhead

PROJECT

SMART HOME ENERGY PREDICTION CONTROL WITH RASPBERRY PI AND ML

Nov 2023 – Feb 2024

- Implemented a smart home system using Raspberry Pi to host a website for controlling home appliances remotely. Leveraged machine learning algorithms to predict electricity consumption based on current usage data, enabling users to anticipate their monthly electricity bills.
- The system provides real-time monitoring of energy consumption and allows users to remotely control their appliances, promoting energy efficiency and cost savings.
- Tech Stack: Raspberry Pi, HTML, CSS, JavaScript