

Rooban A

asrrsanthamary@gmail.com | 9629877843 | linkedin.com

EDUCATION

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY BTech COMPUTER SCIENCE AND ENGINEERING

Kalitheerthalkuppam, Puducherry
CGPA: 8.45 | Grad: 2026

SEVENTH-DAY ADVENTIST HIGHER SECONDARY SCHOOL HSC - 2022

Marapalam, Puducherry
PERCENTAGE: 82.16

SEVENTH-DAY ADVENTIST HIGHER SECONDARY SCHOOL SSLC - 2020

Marapalam, Puducherry
PERCENTAGE: 73.4

SKILLS

PROGRAMMING

Advance: Python | C | HTML | CSS
Intermediate: C++ | SQL | JavaScript

TECH PROFILE LINKS

Coding Profile:// [skillrack/rooban](#)
Github:// [github/rooban](#)
LinkedIn:// [linkedin/rooban](#)

ACHIEVEMENTS

CERTIFICATION

NPTEL - Introduction to Internet of
Things | PERCENTAGE: 82
NPTEL - Problem Solving Through
Programming in C | PERCENTAGE: 61
NPTEL - Computer Graphics |
PERCENTAGE: 50

CODING

Solved **1500+** problems in SkillRack under
the handle rooban2005.
Earned **500+ Bronze Medals** and
successfully completed **25 Certificates**,
demonstrating strong programming skills.

COURSEWORK

UNDERGRADUATE

Data Structures
Object Oriented Programming
Computer Programming
Design and Analysis of Algorithms

EXPERIENCE

WORKSHOP ON ETHICAL HACKING AND CYBER SECURITY WITH CTF | TECHNOBYTES TECHNOLOGIES IN COLLABORATION WITH CHEMPLUS'24, IIT MADRAS

March 30th - 31st, 2024 | IIT Madras, Chennai

- Gained practical experience in ethical hacking using **Kali Linux** for penetration testing.
- Participated in **Capture The Flag (CTF)** challenges, focusing on real-world security vulnerabilities.
- Mastered tools like **Metasploit**, **Wireshark**, and **Nmap** for network analysis and system exploitation.

NATIONAL CYBER SECURITY SUMMIT '24 | NATIONAL CYBER SECURITY RESEARCH COUNCIL IN ASSOCIATION WITH AICTE, SMVEC March 1st - 2nd, 2024 | Sri Manakula Vinayagar Engineering College, Pondicherry

- Participated in discussions on the latest cybersecurity challenges and solutions.
- Gained insights from industry leaders on threat analysis, ethical hacking, and cybersecurity policies.
- Engaged in workshops and seminars focused on security protocols and emerging technologies.

PROJECT

SECURE COMMUNICATION APPLICATION | Link | MQTT | RSA | Tkinter | Python | Cryptography

- Developed a secure messaging application that integrates **MQTT** for real-time communication and **RSA encryption** for ensuring privacy and security of messages.
- Implemented **GUI interfaces** for multiple clients (Client 1, Client 2, Client 3) to generate RSA keys, send and receive encrypted messages, and store chat history.
- Ensured **message validation** and encryption handling, allowing for safe communication between clients.

NOSTRA E-COMMERCE WEBSITE | Link | HTML | TailwindCSS | JavaScript | CSS

- Developed a responsive e-commerce website with a stylish and user-friendly interface, featuring **promotional offers**, a **carousel slider**, and a dynamic **side navigation bar** for mobile and desktop.
- Included sections such as **new arrivals**, **most-wanted products**, **brand display**, and **customer experiences** to enhance user engagement.
- Technologies used: **HTML**, **CSS** (with **Tailwind CSS** for responsive design), **JavaScript** for interactive features, and **FontAwesome** for icons.

GREENDEN - PLANT SHOPPING WEBSITE | Link | HTML | TailwindCSS | JavaScript

- Developed a responsive e-commerce website using **HTML**, **Tailwind CSS** and **JavaScript** for a virtual plant shop.
- Designed an engaging user interface with features such as **product browsing** and **customer reviews**.
- Optimized the website for **mobile and desktop devices**, ensuring seamless navigation and a modern user experience.