

Roopesh. S

I am passionate about both Hardware and Software engineering, particularly in Embedded Systems, Computer Networking, Cloud, and the Web. I am able to effectively self-manage during independent projects as well as collaborate as part of a team.

EDUCATION

Bachelor of Technology (B. Tech)

B. S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur

MAJOR: Electrical and Electronics Engineering

CGPA: 9.26 (Till 5th Semester)

HSC Class 12 - Tamil Nadu State Board

Don Bosco Matriculation Higher Secondary School, Chennai

Final Score: 79%

PROJECTS

IOT based Surveillance System

It's a small scale surveillance system for my home with 2 cameras built using Raspberry PI and Python.

Google Assistant using NodeMCU

Implemented Google assistant in NodeMCU board using IFTT.

Conception - Web Application

Conception is an idea-sharing platform where anyone can propose their ideas to the community. Built using Next.js and MDX.

VOLUNTEER EXPERIENCE

CIIC RAI Membership

We are on a mission to build an AI Robot collaborating with the major engineering streams. Work is in progress.

Crescent Technocrats Club

Collaborated with Crescent Technocrats Club to build college software projects.

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Portfolio | Github | LinkedIn |
Leetcode Profile

SKILLS

C/C++, Embedded Systems,
VHDL and FPGA

Programming, Verilog,
MATLAB, Linux, Python

Data Structures, Algorithms,
Machine Learning, Java,
JavaScript, MERN Stack, SQL

CERTIFICATION

NPTEL Certification on
Embedded System Design

Algorithms Specialization
from Stanford University
through Coursera

LANGUAGES

English - Professional working
proficiency

Tamil - Native proficiency