

BHARANIDHARAN R

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PROJECTS

Pollution Monitoring System

Building a smart device to determine the pollution rate and moving the Data to cloud with the help of NodeMCU and several sensors.

Robotics

Designed and presented Maze runner, obstacle avoiding and all-terrain robots in Madras Institute of Technology, Chennai.

Contactless Tester

Designed and fabricated a contactless tester to test the flow of current without physical contact using IC555.

Smart Toilet

Design and created a POC for smart toilets usind IOT with sensors such as smell detector, IR sensor, stepper motors etc...

CERTIFICATIONS

NPTEL

Demystifying Networks
Data structures in Python
Data Science using Python

Networking

CCNA Routing and Switching from Network Geeks, Chennai

Solo-Learn

Basics of C
Basics of HTML

EDUCATION

B.E. ECE

Rajalakshmi Institute of Technology

 2017 - 2021

CGPA - 7.89

HSE

Vairams Matric. Hr. Sec. School

 2015 - 2017

Percentage - 87.9

SSLC

Vairams Matric. Hr. Sec. School

 2013 - 2015

Percentage - 96.4

TECHNICAL SKILLS

Programming Skill

Python	● ● ● ● ○
C	● ● ● ● ○
HTML& CSS	● ● ● ● ○
JavaScript	● ● ● ● ○

Software Skills

MS Office	● ● ● ● ○
Photoshop	● ● ● ● ○
Illustrator	● ● ● ● ○
Multisim	● ● ● ● ○
Matlab	● ● ● ● ○

Hardware Skills

Arduino	● ● ● ● ○
Hardware Troubleshooting	● ● ● ● ○