

Rahul Reddy V

4th Year B-Tech Student

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Education

- 2017-Present **B.E.(Electronics and Communication)**, PESIT-BSC, Bengaluru.
VTU
- 2015-2017 **PUC(10+2)**, Jain College, Bengaluru, 72%.
K-PUC
- 2014-2015 **Class X**, India International School, Bengaluru, 78%.
ICSE

Tools Known

- | | | | |
|---------------------|---------|-----------------|--------------|
| Arduino (Uno, Mega) | Advance | ○ Xilinx Vivado | Intermediate |
| NodeMCU (ESP8266) | Advance | ○ SolidEdge | Intermediate |
| Raspberry Pi | Advance | ○ MatLab | Beginner |

Programming Languages

- | | | | |
|---------|--------------|-----------------------------------|--------------|
| C & C++ | Intermediate | ○ Linux CLI | Intermediate |
| Python3 | Intermediate | ○ L ^A T _E X | Intermediate |
| Verilog | Intermediate | | |
| VHDL | Intermediate | | |

Online Certifications

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|----------|--------------|--|
| Udemy | Advance | Ethical Hacking by Z Security |
| Udemy | Advance | The Ultimate Dark Web, Anonymity, Privacy & Security Course by Z Security |
| Udemy | Advance | Social Engineering Course by Z Security |
| Udemy | Advance | Website Hacking, Penetration Testing & Bug Bounty Hunting Course by Z Security |
| Udemy | Intermediate | Embedded Systems Bare-Metal Programming Ground Up (STM32) |
| Udemy | Intermediate | Embedded Systems Programming on ARM Cortex-M3/M4 Processor |
| Coursera | Intermediate | HTML, CSS, and Javascript for Web Developers by Johns Hopkins University |
| Coursera | Beginner | Cybersecurity and the Internet of Things by University System of Georgia |
| Cisco | Intermediate | PCAP: Programming Essentials In Python 0420 dm by Cisco Virtual Academy |
| Cisco | Beginner | Introduction to Cybersecurity 0220 wr by Cisco Virtual Academy |

Projects Done

Remote Controlled Solar chargeable Night Patrolling Robot

(Final Year Project) Oct 2020 - Present

Rubber Ducky Attack Prevention

(Jul 2020 - Sept 2020)

Voice Controlled Home Automation Using MicroPython

Dec 2019 - Jul 2020

Parking Assist with Drones

Nov 2019 - Present **IICDC-2019 by Texas Instruments**

Smart Real Time Waste Segregation System

30-31 Mar 2019 **Kludge 6.0**

Workshops Attended

Artificial Intelligence and Machine Learning Workshop, IISC Bengaluru

1-2 Feb 2020 Two Days Workshop on Artificial Intelligence and Machine Learning

Blockchain Workshop, PESIT Bengaluru South Campus

9 Feb 2020 One Day(15 hours) Workshop on Blockchain by Tezos India Foundation

Embedded Systems Workshop, IISC Bengaluru

Jan 2018 A Two Day Workshop on Embedded Systems

Robotics with Arduino Workshop, PESIT Bengaluru South Campus

2017 One Day Workshop on Robotics with Arduino by IEEE

Areas of Interest

- Embedded Systems
- Internet of Things(IoT)
- Robotics
- Cybersecurity
- Digital Electronics
- VLSI Design

Hobbies

- Ethical Hacking
- Latest Technology Research
- Football, Badminton

Reference

Mr.Ananda M Assistant Professor, PESIT-BSC, Bengaluru.
anandam@pes.edu

Mr.Bivas Assistant Professor, PESIT-BSC, Bengaluru.
Bhattacharya bivas@pes.edu

Personal Details

Date of birth	May 31 st ,1998	Father's Name	N. Venkatesh Reddy
Languages known	English, Kannada, Hindi, Telugu	Mother's Name	K.S. Chandrakala