

Rojin Roy

Embedded Systems Engineer

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Debian Salsa: <https://salsa.debian.org/rojin>

Gitlab: <https://gitlab.com/rojinmroy>

Experience

Sinewave Systems Pvt. Ltd. - Design Engineer *September 2019 - Today*

- Prototype new designs
- Test prototype
- Perform functional tests of product

Education

Guru Nanak Institute of Technology *September 2013 - June 2017*

Bachelor of Technology in Electronics and Communication

Jawaharlal Nehru Technological University *September 2018 - Today*

Master of Technology in Mechatronics

Skills

PIC, AVR

Embedded C

Embedded C, PIC, AVR

Hardware test equipment: oscilloscope, logic analyzer

I2C, SPI, GPIO, one-wire

Ability to read a schematic and datasheets

IoT esp8266, LoRa

Analytic Mindset, Deductive logic, Problem-solving

VI editor, Understanding of Linux Root file system

Languages

English

Proficient

Hindi

Proficient

Malayalam

Native

Telugu

Proficient

Projects

Speed Controllable Cart:

L293D, Atmega8

Wireless Automated Attendance System:

ARM9 based STR9 microcontroller, R305

Hobbies

Music

Chess