

# Harshit Gupta

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## EDUCATION

**ORIENTAL INSTITUTE OF SCIENCE & TECHNOLOGY**  
BTech IN ELECTRONICS & COMMUNICATION ENGINEERING  
2018-2022 | Bhopal, MP, India  
CGPA: 8.59 / 10.0

**MISS HILL HIGHER SECONDARY SCHOOL**  
HIGHER SECONDARY EDUCATION  
2017-2018 | Gwalior, MP, India  
Percentage: 76.4%

**SANSKARITI PUBLIC SCHOOL**  
HIGH SCHOOL EDUCATION  
2015-2016 | Karera, MP, India  
CGPA: 9.6 / 10.0

## LINKS

LinkedIn:// HarshitGupta  
Github:// HarshitGupta  
HackerRank:// HarshitGupta  
Stackoverflow:// HarshitGupta

## SKILLS

### DEVELOPMENT

- Python • HTML • CSS
- JavaScript (Basics) • Git
- mongoDB (Basics)
- Express.js • Node.js

### DEPLOYMENT (BASICS)

- DigitalOcean Cloud
- VPS

### ELECTRONICS

- PCB Design • Embedded C
- EasyEda • Micro-controllers

## ACHIEVEMENTS

**1ST, ORIENTAL BHOPAL**  
APRIL, 2019 BHOPAL, INDIA  
Circuit Design Event TechFizz Bhopal

**2ND, VIGYAN MELA**  
SEPTEMBER, 2019 BHOPAL, INDIA  
Home Automation project  
Internet Of Things

## EXPERIENCE

**LEARN ELECTRONICS INDIA** ELECTRONICS INTERN  
Oct 2020 - Nov 2020 | Ahmedabad, GJ, India (Remote)

- Developed a real-time weather monitoring device.
  - Integrated open weather map API with NodeMCU.
  - Display the latest weather information of your location.
- Link: **Weather station.**

## PROJECTS

**RAKSHAK** APARTMENT SECURITY SYSTEM  
IoT • RASPBERRY PI • HOME ASSISTANT • ESP HOME • PYTHON

- Rakshak will have a server to manage all types of things connected to it.
- Server(Home Assistant) will notify the owner instantly, if intruder try's to break through the main door or windows.
- There are several other nodes connected with the server using the internet, Which will notify instantly if gas leakage or fire took place in the apartment.

Link: **Rakshak.**

**TECH JOURNAL** PERSONAL BLOGGING WEBSITE  
HTML • CSS • BOOTSTRAP 5 • EXPRESS.JS • EJS • JAVASCRIPT • MONGODB

- Developed a responsive design compatible with all devices.
- Integrated CK Editor for formatting and posting blogs.
- Created a EJS template to auto-generate a post page for individual blog posts.
- Hosted on DigitalOcean VPS.

Link: **Tech Journal.**

**PCB** BREADBOARD POWER SUPPLY  
EASYEDA - PCB DESIGNING SOFTWARE.

- Designed schematics for all the components.
- Designed layout for the PCB.

Link: **PCB Breadboard.**

## COMMUNITY WORK

**STEM GARAGE** AUG 2019 - MAR 2020

STEM GARAGE is a community of engineers where we learn about Science Technology Engineering and Mathematics, applying to the real world.

**ROBOTIC HAND** STEM PROJECT

MICRO-CONTROLLER • EMBEDDED C • RESEARCH

- Designed basic structure of robotic hand used in industry to lift heavy weights.
- Learned some concept of Biology.

Link: **Robotic Hand.**