



# Naman Chauhan

A curious and studious technoid masquerading as an engineering undergrad who has a craving for knowledge and resolution to turn words into actions.

+919682585516, +918266084891  
chauhannaman98@gmail.com  
Website: [techmirtz.me](http://techmirtz.me)

## TECHNICAL EXPERIENCE

### The Sparks Foundation, Singapore — *Web Development Intern*

JULY 2020 - AUGUST 2020

Developing a Django app for credit management which makes credit transactions on the database using a webpage.

### LCSC Electronics, Shenzhen, China — *Technical Content Writer*

FEBRUARY 2019 - APRIL 2020

Published more than **35+** [articles](#) on electronics and embedded systems based on 555 timers, Atmel AVR, Arduino, etc.

### Karthaa Labs, Chennai — *Embedded Programmer Intern*

JULY 2019 - AUG 2019

Coordinating with the team to pioneer the development of home and industrial automation over the AWS and ESP8266 using REST API.

## PROJECTS

### IMDb-API - [View on GitHub](#)

Built on the Flask framework, this is an unofficial REST-API which is currently in development. It's *pre-release* *vo.2.1* currently supports endpoints for search(name & celebrity) and top 250 shows.

### MedFixture - [View on GitHub](#)

A python GUI application using Tkinter and SQLite database for fixing hospital appointments. It supports password resetting via email and secret questions also.

### Clima - [View on GitHub](#)

A Flutter application built using Dart codebase for Android and iOS. It uses an API by OpenWeatherMap to show GPS based weather updates.

### Reduction of Arduino Power Consumption - [Project Link](#)

Demonstrated modifications in Arduino to reduce the power consumption to about 10µA from 45mA. Increased battery life by 99.97% as compared to commercial Arduino available.

## DIGITAL PROFILES

- Github: [chauhannaman98](#)
- LinkedIn: [chauhannaman98](#)
- Hackster: [techmirtz](#)

## TECHNICAL SKILLS

- C++ (★★★★☆)
- Python3 (★★★★☆)
- Embedded Systems (★★★★☆)
- Django (★★★★☆)
- Flutter (★★★★☆)
- Communication (★★★★★)

## AWARDS/ACCOMPLISHMENTS

- 2 research papers presented & accepted for Springer Publication.
- Badge: Node-RED: basics to bots by IBM Developer Skill Network in 2019.
- Won Robowar at Manipal University in March 2018.
- Letter of Recommendation from SRM Institute of Science and Technology for showcasing management skills in SRMNMUN 2020.

## PUBLICATIONS

1. Chauhan, Naman. Kumar, Shiv. Malik, Medhavi. Classification of Cardiovascular Disease using Wearable Device and Machine Learning over Cloud. Manuscript submitted for publication (2020)
2. Chauhan, Naman. Malik, Medhavi. Home Automation with NoSQL and NodeRED through Message Queuing Telemetry Transport. Manuscript submitted for publication (2019)

## EXTRA-CURRICULAR EXPERIENCE

### **SRMNMUN 2020, SRMIST — *Charge D` Affairs***

JANUARY 2020 - FEBRUARY 2020

Addressed the matters of Model UN and coordinated with the UN Outreach Office and got the letter recognizing SRMNMUN from the Secretary-General of the United Nations.

### **Rubaroo 2019, SRMIST — *Technical Executive***

SEPTEMBER 2019 - OCTOBER 2019

Motivated and spearheaded the technical department for maintenance of the official website of the annual cultural fest of the college, Rubaroo as the Executive.

## EDUCATION

### **SRM Institute of Science and Technology — *B. Tech. in Computer Science and Engineering***

JULY 2017 - PRESENT | 80.21%

### **Jodhamal Public School, CBSE — *12th Standard***

APRIL 2016 - APRIL 2017 | 80.2%

### **Jodhamal Public School, CBSE — *10<sup>th</sup> Standard***

APRIL 2014 - APRIL 2015 | 9.8/10 CGPA