



SURAJ KUMAR

Address: Church Road, Ayodhya Nagar,
Barh, Patna, BIHAR - 803213

E-mail: gsuraj349@gmail.com

Phone: +917901814949

LinkedIn: [linkedin.com/in/suraj-kumar-541779202/](https://www.linkedin.com/in/suraj-kumar-541779202/)

PROFESSIONAL SUMMARY

As a currently ECE student, I want to obtain a position to utilize my technical skills, experience, and willingness to learn in making an organization successful

TECHNICAL COMPETENCIES

C++ | PYTHON | Verilog | VHDL | SQL



INTERPERSONAL SKILLS

Self-Motivated Attitude | Team work |
Ability to rapidly relationship and set up
trust | Helpful and Problem Solver |
Workaholic

INTERESTS & HOBBIES

Microprocessor | Gaming | Music

LANGUAGES KNOWN

English | Hindi |

PERSONAL DETAILS

Mother Name: Madhumani Devi

Father's Name: Shailendra Prasad Sah

DOB: 24/09/1999

Nationality: Indian

EDUCATION

Bachelors in Electronics and Communicational Engineering | Chandigarh University, Gharuan

Session: 2018-2022 | Score: 7.6 CGPA

Intermediate (BSEB) | A.N.S +2 HIGH SCHOOL, BARH

Session: 2016-2018 | Percentage: 64.8%

Matriculation (CBSE) | DAV PUBLIC SCHOOL, MOKAMA

Session: 2014-2015 | Percentage: 85.5%

PROJECTS

HOME AUTOMATION (2018)

The first project in my college. In this project we make a device that control the electronic and electrical components through mobile and via voice command

Hand gesture to speech conversion using Arduino Microcontroller (2020)

Led the team to successfully complete the project who are speech-impaired face difficulty in communicating with others who do not know the sign language. The project aims at eliminate this communication gap.

Arduino Radar (2019)

This Arduino Radar Project is implemented with the help of the Processing Application. Radar is a long - range object system that used radio waves to establish certain parameter of an object like its range, speed and position.

CERTIFICATIONS & AWARDS

- Introduction of AI (Coursera)
- Relational Database design (Udemy)
- Introduction of deep learning (Coursera)
- Introduction of machine learning (Coursera)
- SQL for Beginners: Learn SQL using MySQL and Database Design (Udemy)

PATENT

Multipurpose wearable device

In this work, we propose the shoe which is fully controlled by smart phone or remote. Here, all controlling is done by NODEMCU (open source IoT platform) controller which controls the entire system component. It looks like a Skate shoes but there is some feature which makes it novel from Skate shoes. We can do that process in reverse also. So, here is some benefit that your gadget will be utilized as a shoe and skates at a same time. Now, come to technical point of view, this gadget is fully electric and we command with phone or remote to move one place to another. Here; we use a powerful rechargeable battery as a power source of our gadget. This gadget is so easy and comfortable that even 10 years old boy can operate this