

# SAMEER KUMAR

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## OBJECTIVE

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I am pursuing a Bachelor of Technology in Electrical Engineering at IIT ROPAR. As my interest falls slightly towards the software development side, I have been practicing web development and algorithms in my free time. So, I am looking to start my software development career with decent web development and algorithms skills.

## EDUCATION

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**Bachelor of Electrical Engineering**, IIT Ropar Expected 2021

Relevant Coursework: Introduction to Data Structures and Data Structures and Algorithm.

**CBSE 12th(PCM + PE))**, Vikas Vidyaniketan, Vishakhapatnam 2014 - 2016

## SKILLS

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<b>Programming Language</b>	C, C++, PHP, Python, MySQL
<b>Scripting Language</b>	HTML, CSS, JavaScript
<b>Tools</b>	Adobe Photoshop, Figma

## EXPERIENCE

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**Wix Web Developer** Aug 2020 - Sept 2020

The Entrepreneurship Network

*Remote*

- Made design changes in the base website to fulfill the requirement given by our product manager.
- Implemented an user interface according to idea proposed by our product manager and the user experience created by other team.
- Developed a complete web app for the company using wix platform.

## PROJECTS

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**Image Processing API.** The aim of this project is to learn how to work with an API and how to handle or upload a file in PHP. In the project, I have used Microsoft Computer Vision API for processing the image and PHP to send the image as a POST request.

**Private Chatroom.** In this course project we have created a chat environment for 1 to 6 persons without use of any external worldwide connectivity (Internet). In this project we used Arduino to control the flow of text messages between NRF24L01 (wireless module to transfer data on radio frequency). The purpose of this project is to come up with a cheap solution to communicate in remote corners of earth.

## EXTRA-CURRICULAR ACTIVITIES

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- Volunteered in BAJA SAE India 2018 held at IIT Ropar.
- Set up entrepreneurial model after surveying a village near our college for welfare and efficient use of natural resources of the village.
- Member of Coding club IIT Ropar for AY 2017-18.
- Completed two certification on how to build web application using PHP and one certification on introduction to MySQL.