

# Kalpana Joshi

Babarmahal, Kathmandu

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## EDUCATION

### Bachelors in Computer Engineering

Oct 2016 - Sept 2020

[Kathmandu Engineering College](#), Tribhuvan University, Kathmandu

### Plus Two in Science

Jul 2014 - May 2016

Nasa International College, Tinkune, Kathmandu

### School Leaving Certificate

May 2014

Gyanodaya Vidya Niketan, Tuphandada, Dadeldhura

## PROJECTS

- Parking reservation system  
*Academic Minor Project under Kathmandu Engineering College(KEC) in a team of four*
  - Android application that aims at solving parking problems with the use of online reservation.
  - Tools used: React Native, Node.js and Firebase.
- Plant Diseases Detection(Ongoing Project)  
*Academic Major Project under Kathmandu Engineering College(KEC) in a team of three*
  - Android application that aims to detect the plant diseases by image processing technique.
  - Tools used: React Native, Python and Node.js.

## PARTICIPATION PROJECT

- Second Runner Up at Hack Fest Kathmandu in a team of three.  
A one-day coding event held on November 30, 2019 organized by Leapfrog Technology.
  - Project: Providing assistance for pregnant women.
  - Full Stack web-application built using JavaScript ,HTML.

## VOLUNTEERING EXPERIENCE

- Volunteer, Dristi 2.0  
A three day event held at Kathmandu Engineering College(KEC), Kalimati, Kathmandu.

## **PARTICIPATION**

- **Idea Pitching** **December 26, 2019**  
Selected as one of the top 3 teams presenting the idea of Smart Parking.  
Kathmandu University(IT meet V 8.0)
- **Startup Competition** **December 29, 2019**  
Kathmandu University(IT meet V 8.0)

## **SKILLS**

Languages: English, Nepali, Hindi

Programming: C, C++, JavaScript

Software: Photoshop, Advanced excel, WordPress

## **REFERENCES**

- Er. Sudeep Shakya, Head of Department (Department of Electronics and Computer Engineering), Kathmandu Engineering College(KEC),  
[sudeep.shakya@keckist.edu.np](mailto:sudeep.shakya@keckist.edu.np)