

# Shashank kumar

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## CONTACT

D-29,P.C. Colony  
Kankarbagh,Patna  
Bihar,India

**E-mail:** kashyapshashank@live.com  
**Website:** kashyapshashankv.github.io  
**Phone:** +919003853891

## WORK EXPERIENCE

### Enactus VIT

Technical Head

Responsible for the technical and design division of the team.

Aug 2017 - Present

### XDA Developers

Senior Member

Works on Mods and Designing.Also have experience in Custom OS Building and app porting.

September 2016 - Present

## EDUCATION

### B. Tech

Vellore Institute of Technology

B. Tech in Electronic and Communication.

July 2015 - June 2019

### 12th Standard

D.A.V. Public School,BSEB,Patna

Passed with An Aggregate of 91.6 %. Physics,Chemistry and Maths with Informatics Practices.

July 2013 - March 2015

### 10th Standard

D.A.V. Public School, Khagaul,Patna

Passed with 10 CGPA.

April 2006 - March 2013

## SKILLS

Python.

Arduino Coding.

Linux Commandline.

GIT Command Line.

MATLAB.

C,C++.

Java.

Android OS Development.

Android App Development.

Raspberry Pi Operations.

HTML & CSS.

## PROJECTS

### 1. Face detection using Raspberry pi in opencv

Face detection and tracking using raspberry pi camera with 2 axis rotation.

### 2. Octave Equalizer.

A circuit which can control different frequencies available in Sound and can also manipulate it.

### 3. Bluetooth Controlled Car.

A car that can be controlled by mobile application

### 4. Pill Reminder Box.

An IOT device that reminds the time at which the pills are to be taken through SMS notifications.

### 5. Water temperature Controller.

A device which maintains constant temperature of water controlled by mobile application.

### 6. Green Home Automated Response(GHAR).

A Home automation system with multi layer security system based using RFID and TOTP.

### 7. Long exposure Mod

Long Exposure Mod for Mi devices' camera sensors, done by editing camera drivers for the particular sensor using shimming.