

# Abhishek Rathore

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## Objective

To seek challenging assignment and responsibility, with an opportunity for growth and career advancement as successful achievements.

## Education

Degree	College/School	University	Passing Year	Pass Percentage
B. Tech	JKIAPT	Allahabad University	2017	72.04 (till 5th sem)
Intermediate	BDG SVM, Jhansi, UP	Uttar Pradesh Board	2012	77.80
High School	BDG SVM, Jhansi, UP	Uttar Pradesh Board	2010	82.67

## Projects

- **Hotel Guest Server Robot.**

November 2015- March 2016

Members: Gorji Parameswar Sampath, Aditya Kumar, Jatin Mittal.

A hotel wing is abstracted as an arena for this project. Guests indicate their service requests outside their doors. The Robot (ATmega 2560) is programmed to traverse this hotel wing (using White line, Sharp IR range, Proximity sensors) and look for service requests (using color sensor) and provide them in the order of priority. One of the services that the robot has to provide is removal of trash from the guests rooms (using mechanical arm).

- **Website: Online FIR System**

November 2015- January 2016

It enables Citizens to submit First Information Report against any crime in a very quick and easy way through internet and enables police department to get FIRs in quick and systematic way.

- **Caretaker Robot.**

November 2014 - March 2015

Members: Gorji Parameswar Sampath, Aditya Kumar, Ratnesh Yadav.

This project was based on Atmega 2560, Xbee Modules, Camera, Image Processing using OpenCV and Python to deliver provisions to patients in a hospital.

## **Technical Skills**

- Programming Languages

1. C
2. Java
3. Python
4. Embedded C
5. SQL

- Tools and Technologies Used

1. J2SE
2. J2EE
3. Atmel Studio
4. OpenCV.