

CURRICULUM VITAE



RAHUL SINGH

S/O Rajesh Singh, RAJESH ELECTRICAL In front of Lal ji medical store

Raipur sonauri ,Teonthar Dist. Rewa (M.P.)

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CAREER OBJECTIVE

My career objective is to acquire a challenging position in an environment, where I can best utilize my skills, and theoretical knowledge and prove myself.

EDUCATIONAL QUALIFICATION

| Degree | Institution | Year | CGPA |
|-----------------------------------|--|----------|-------------------------------------|
| B.Tech-M.Tech (Integrated) ECE | Lovely Professional University Phagwara | Pursuing | 8.29 (up to 9 th sem) |
| SSC | St. Mary's school Rewa (M.P.) | 2012 | 80% |
| HSC | St. Mary's school Rewa (M.P.) | 2010 | 84% |

TECHNICAL SKILL

Software : MATLAB ,Proteus, Keil, Arduino IDE

Languages : C , C++ ,Python (basic)

Hardware skills : House wiring ,Switch board circuit connection Induction motor winding , Fan, Cooler winding.

INTERNSHIP

Organization : Hindalco power plant sonbhadra dist. Uttarpradesh May 05-jun 15, 2016

Description : Worked as a project trainee in the Electronics department under the project Variable Frequency Drive. VFD is a technology which is generally used in big industries to reduce the power consumption of Motor Pumps.

Organization : Allsoft electronics (IBM),Lovely Professional University June 20-july 20, 2016

Description : In this organization I have worked on arduino and numbers of sensor such as temperature sensor, moisture sensor, Light sensor to make Green house fully automated.

PROJECT UNDERTAKEN

- Project : Auto target detection weapon (Dissertation undergoing)
Description : In this project I am currently working on computer vision system, to detect the target automatically with the help of Camera and LIDAR and destroy the target with the help of gun.
- Project : Smart restaurant
Description : In this project I have worked on ARM LPC11U24 and GLCD to create user interface for customer. And a robot to carry the order carriage to customer table.
- Project : Green House Roving robot
Description : In this project I have worked on Arduino, DC motor and different sensors to make the green House fully automated.
- Project : Line following robot.
Description : In this project I have used only two IC to make a line following Robot those IC were L293D and LM324 and some additional components such as DC motor, IR sensor, Variable resistor etc.
- Project : Visitors counter for a school library.
Description : In this project I have used micro controller 8051 and displayed no. of visitors on seven segment display. To detect the entry and exit of visitors here I have used IR sensor.

WORKSHOP/CERTIFICATION

Mobile Controlled Robot, 2014
AVR microcontroller, 2014

EXTRA CURRICULAR ACTIVITIES

Math Quiz competition, Lovely Professional University, 2014
Dictionary Race, 2008

AWARDS AND HONOURS

First prize in speedy robot competition, 2014.
Medal for good performance in school, 2009-2010.

LANGUAGES KNOWN

English, Hindi

HOBBIES

Surfing about new technology on internet, Computer programming, playing with pets.

PERSONAL DETAILS

Mother's Name : Mrs. Archana Singh
Father's Name : Mr. Rajesh Singh
Date of Birth : 06-06-1994
Gender : Male

DATE:

PLACE: LPU Phagwara

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