

# SURAJ MISHRA

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## CAREER OBJECTIVE

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To seek a challenging position in the field of IT,where I can exploit my potential to the fullest and emerge as an effective team member by playing a proactive role in growth,and grow positive relationship with clients and colleagues at an organization level.

## EDUCATION

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Examination	Institute	year	Performance
3rd Year B.Tech	Veermata Jijabai Technological Institute	May, 2015	8.2 CGPA
H.S.C	K.C college	2012	83.63%
S.S.C	J.H.poddar high school	2010	93.64%

## PROJECT

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### 1. Cargo sorting robot

*eyantra,iit bombay*

embedded

*2015*

A robot which detects different cargo's different terminal of airport and place it to proper terminal. sensor-color sensor,microcontroller-avr-2560,8. Presented in eyantra robotics competition and won first prize among 52 teams.

### 2. Blogger Web application

Successfully made a web application Blogger where user can see authors post,likes or dislikes it and comment on it.Language used were PHP,html and database used was MYsql.

## TRAINING

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### • CCNA(cisco certified network associate)

*Networking*

june, 2014

*Rst Forum*

- Trainning of CCNA(cisco certified network associate) under RST forum, where I learned different technology (Ethernet,serial etc) ,communication over such technology,Layer1 devices(like hub ), Layer2 devices(like switch),layer 3 devices(like router).
- Learn concept of subnetting and supernetting and how to use these concept during practical network design.
- Also got exposure to different routing protocols(Like RIP v1&v2,IGRP,EIGRP,OSPF,ISIS &BGP), Switching protocol(like Spanning tree protocol(STP),RSTP,VLAN Trunking protocol ).

## RESEARCH PUBLICATION

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1. Read a research paper on "Vehicle Crash Test using Haar Wavelets" as a part of an academic activity.
2. No research paper publication yet

## TECHNICAL SKILLS

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- programming language-c/c++,PHP;
- database-Mysql.
- data structure and algorithms
- basic of web developement(PHP,mysql)
- embedded programming.

## SOFT SKILLS

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1. good communication skills
2. good presentation skills

## EXTRA-CURRICULAR ACTIVITIES

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- **Contraption** December, 2014  
*Mechanical & Electronics* *VJTI, Technovanza*
  - Event head of Contraption- A mechanical and electronics project and was exhibited at Technovanza Festival
- **wall-e** august, 2013  
*Mechanical, Coding & Electronics* *sra, vjti*
  - made successfully line following robot that tracks black line on white arena.

## CO-CURRICULAR ACTIVITIES

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1. Digital Signal Processing on Matlab
2. Speech Processing on Matlab
3. Learning Machine Learning Algorithms