

# ANIKET KATKAR

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## Objective

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To learn, enhance and apply my knowledge, skills and experience to solve the challenges of the computer and electronics world.

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## Educational Qualifications

Bachelor of Engineering	Yadavrao Tasgaonkar Institute of Engineering and Technology, Bhivpuri road, Karjat Major: Electronics Engineering 2010-2015 Division: First Class(B.E)
Higher Secondary School Certificate	S.S.S. Technical Jr. College, Ghatkopar(E), Mumbai HSC 2008-2010 Division: First Class with Distinction
Secondary School Certificate	Bhagavati Vidyalaya, Naupada, Thane (W) 1998-2008 Division: First Class with Distinction

## Final year project (B.E)

Title : Segregation of Objects based on Color and Shape using MATLAB by a Robotic Arm

Duration : 12 Months

Description : The project aimed at making a robotic arm to segregate objects based on color and shape. We used a camera to identify the color and shape of the object. The algorithm used was based on MATLAB's image acquisition and image processing system. The objects were segregated using a robotic arm connected to the parallel port of a computer.

## Third year project (T.E)

Title : Interfacing Seven Segment Display

Duration : 6 Months

Description : The project was based on interfacing Seven Segment display with 8051 micro controller. It helped to explain how it works and why Seven segment displays are so famous and used in everyday objects.

## **C-DAC course project**

**Title : Linux USB device driver for reading data from GPIO port of BlueBoard**

**Duration : 1 Month**

**Description : The main objective of this project, is to implement Linux USB device driver of mass storage on host machine with bulk endpoint. We have used ARM board LPC2148 as a USB device. USB firmware is used as a component for interfacing peripheral with ARM controller. Data read from the GPIO port is shown on the host machine terminal. A test application with GTK based GUI is written for testing.**

### **Technical skills and certification**

- A basic knowledge of essential programming languages like C, Java, OOPS concepts.
- Also possess a good command over Linux and Windows operating systems.
- C-DAC certification in Embedded Systems course.
- A good knowledge of Technical writing.
- A basic knowledge of Computer Networking and various networking protocols.
- A good knowledge of Computer organization and architecture, Operating Systems and System programming.
- Clear with the concepts of Hardware, PCB designing.
- Worked on various softwares including Visual Studio, Android Studio, Proteus & PCB Designing.
- MSCIT certification (July 2008) secured 82 percent marks.

### **Extra-Curricular activities**

- Do-It-Yourself Blogger at [artronicsblog.blogspot.in](http://artronicsblog.blogspot.in)
- Active participant in cultural, social and sports activities during annual college festivals.
- Electronics DIY hobbyist and enthusiast

### **Personal traits**

- Highly motivated
- Good leadership skills as well as team work
- Honest and hardworking

### **Interests**

- Reading articles on Free and open source software(FOSS), Linux, Android.
- Drawing, craft and music.
- Watching documentaries related to IOT, science, technology, ancient myths and almost any other domain.
- Sport activities like Cycling, Football and Chess.

**Aniket Katkar**

**Date-**