

# Omkar Mohite

Student, T.Y.B.Tech EXTC, VJTI, Matunga, Mumbai.

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## 1 Career Objective:

To seek an opportunity in which I can showcase my talent in problem solving environment so that it turns an asset for the organization and to work in boosting and challenging environment.

## 2 Education:

Sr.No.	Year	Examinations	Institute	Grades
1.	2014-15	3rd Year B.Tech. in EXTC	Veermata Jijabai Technological Institute, Mumbai-400019.	8.6 CPI
2.	2013	Diploma in Industrial Electronics Engineering	K. J. Somaiya Polytechnic, Vidyavihar, Mumbai-400077.	94.13 percent
3.	2010	S.S.C.	Lokmanya Tilak High School, Tilak Nagar, Chembur, Mumbai-400089.	94.36 percent

## 3 Projects:

### 1. Automatic Irrigation Control System (Final year Diploma):

The aim of the project was to reduce the waste of water and human work required while drawing water in the farms. In this project we made use of copper wire as a soil moisture sensor based on its resistivity property, so that it could detect the requirement of water in the field and automatically turn on/off the motors when required.

### 2. Bomb Disposal Robot using Wireless Technology (Second Year Engineering):

The idea of the project was to eliminate the human risk involve in disposing bomb. We used the RF Module and software skills involved were Visual Basic, AVR Programming.

## 4 Training and Internship:

- No internship yet.

## 5 Research Publications:

1. Review on 'An Efficient Digital Implementation of Multicarrier CDMA System Based on Generalized DFT Filter Banks.'
2. Review on 'Extra Matters Recognition of Transmission System Based on Hough Transform.'

## 6 Technical Skills:

- C/C++ Programming and Object Oriented Programming
- Basic Knowledge about Android Application Development using Eclipse
- Simulation tools including MATLAB, SCILAB
- HTML
- Computer Networking

## 7 Soft Skills:

1. Good Communication skills
2. Adaptive Nature
3. Good Teamwork and collaboration quality

## 8 Extra Curricular Activities:

- Won eYantra, IIT-Bombay Robotics competition 2014-2015 in cargo sorting theme. (team of 4 members)
- Won State Level Technical Quiz Competition in Diploma held in the year 2012-13.(team of 3 members)
- Made a 'Restaurant Finder' android application in Credit Suisse Coding challenge for internship in year 2013-14.(team of 2 members)
- Participated in State level Technical Quiz Competition held at Shri Bhagubhai Mafatlal Polytechnic in the year 2012-13.

## 9 Co-curricular Activities:

1. Ranked 4th in Maharashtra in Diploma in Electronics Engineering and 9th in Maharashtra in all Diploma branches in the year 2013.
2. Ranked 2nd in school in std 10th in SSC board.

## 10 Personal Details:

**Father's Name:** Rajendra M. Mohite

**Mother's Name:** Reshma R. Mohite

**Sex:** Male

**Date of Birth:** 29-08-1994

**Nationality:** Indian

**Hobbies:** Sketching (caricature), fitness, playing and watching cricket and watching movies.

**Languages Known:** English, Marathi, Hindi, Japanese (Learning)

**Marital Status:** Single