

**DESAI VAIBHAVI M.**  
[vaibhvidesai78@gmail.com](mailto:vaibhvidesai78@gmail.com)

**PERSONAL DETAILS:**

Residential Address: D-103 Madhuvihar building, m.g.road no.4, Kandivali west  
Mumbai-400067  
Mobile: 9773527592

**CAREER OBJECTIVE:**

To obtain a challenging position in a high quality engineering environment where my resourceful experience and academic skills will add value to organizational operations.

**EDUCATION:**

Academic Year	Marks Obtained	Year of Passing	Institute	Remark
BE (Electronics)	CGPA 7.36/10 (till 7 <sup>th</sup> SEM)	PURSUING	Dwarkadas J. Sanghvi College Of Engineering	----
DIPLOMA (Industrial electronics)	83.54%	2014	SBM Polytechnic	----
S.S.C.	80%	2009	Sardar vallabhbhai patel vividhlakshi vidyalaya	With technical Subjects.

**INTERSHIPS:**

1. SIMTEK MEDICO SYSTEM JUNE 2011-DEC 2011(5 MONTHS)

- Designing the power section module
- Preparation and circulation of Monthly Training Calendar
- Participated and conducted various seminars and training lectures.

2. CITIZEN SCALE INDIA PRIVATE LIMITED JUNE 2012-DEC 2012(6 MONTHS)

- Placement in RND Department
- Designing and effectively presenting the presentations to clientele.
- Learning ORCAD software
- Designing and reverse engineering of PCB

3. DIGICARE DEC 2013-MAY 2014 (6 MONTHS)

- Under servicing department and Good contact with customers
- Repair and troubleshoot motherboards like ASUS, ASRock, Zotac, MSI etc

**PROJECT PROFILE:**

1. SOLAR PANEL INVERTER (Final year project in Diploma)

Description: A solar inverter, or Solar converter, converts the variable direct current (DC) output of a photovoltaic (PV) solar panel into a utility frequency alternating current (AC) that can be fed into a commercial electrical grid or used by a local, off-grid electrical network.

## 2. BUCK CONVERTER (SMPS) - MINI PROJECT 1

Description: A buck converter (step-down converter) is a DC-to-DC power converter steps down voltage from its input (supply) to its output (load).

## 3. DIGITAL PEDOMETER- MINI PROJECT 2

Description: Pedometer is a device, which is worn by a person on his belt and it measures the number of steps and the distance walked by the person. It is generally used by people who do measured exercise every day.

## 4. VIDEO SURVEILLANCE BOT WITH ROBOTIC ARM (final year project in BE)

Description: Using raspberry pi board we control our arm as well as bot.

### **TECHNICAL SKILLS AND CERTIFICATES:**

Computer Skills:

- Microsoft XP applications (Word, Excel, PowerPoint) – Advanced
- Windows 2007, Windows 2008, Windows 2010, Ubuntu

Electronics Software Skill:

- Basic Electronic design/ Fabrication in Multisim 4.3 & Proteus
- ORCAD software

Language Skills:

- English, Hindi, Marathi, Gujarati

Other:

- Jetking workshop certificate
- Technical certificate

### **PERSONAL COMPETENCIES:**

- Ability to work in a fast-paced environment to set deadlines
- Excellent oral and written correspondence with an exceptional attention to detail
- Enthusiastic self-starter who contributes well to the team

### **INTEREST AND ACTIVITIES:**

- Member of 'Placement Coordinator Committee' at DJSCE, Vile-Parle
- Badminton, Surfing
- Drawing, Sketching
- Making Rangoli and Mahendi

### **STRENGTH:**

- Computational and Analytical skills
- Interpersonal and communication skills
- Continuous learner and willingness to improve with experience
- Optimum utilize of time with best use of knowledge and technology.

### **DECLARATION:**

I hereby declare that above mentioned information and statement made in this application are true and complete to the best of my knowledge.