

## **Jaimin Mayur Barot**

### **BE Instrumentation & Control**

**(Automation Engineer)**

DOB: 27<sup>th</sup> February 1995

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### **OBJECTIVE**

- An aspiring, reliable and disciplined instrumentation & control engineer seeking a position that reflects my skills and personal attributes to enhance the growth of the organization and at the same time mine.

### **ACADEMIC DETAILS**

COURSE	INSTITUTION	YEAR OF PASSING	PERCENTAGE / CGPA
<b>B.E (Instrumentation &amp; control)</b>	Sardar Vallabhbhai Patel Institute of Technology-Vasad (GTU)	2016	<b>6.54</b>
<b>HSC</b>	Mar Gregorius Memorial School (GHSEB)	2012	<b>57.69%</b>
<b>SSC</b>	Mar Gregorius Memorial School (GSEB)	2010	<b>77.69%</b>

### **SPECIALIZATION COURSES**

- Attended Hands-On Training Course on “**Basics of Industrial Automation**” at “**Hi-Mak Academy for Professional Excellence – Empowering Skills**” in July 2016.

### **PROFESSIONAL SKILLS**

- **PLC** – Siemens S7 1200 in TIA Portal Step 7 Professional V13 SP1
- **HMI** – Siemens KTP 600 Basic HMI
- **SCADA** – HMI Run Time (RT) Advance V13
- **VFD** – Siemens Sinamics V20 Drive
- Basics of **Electrical Protection & Starters**
- Basics of **Industrial Communication**
- Basics of **Industrial Measurements**
- Basics of **Automation PANELS**
- Sensors, transmitters & actuators
- **Commissioning** of PLC, VFD, HMI
- Operating Systems: Windows XP/Vista/7/8/10 & Android
- User Application: MS Word/Excel/PowerPoint

### **FIELD OF INTERESTS**

- Automation
- Process control
- Control systems
- Industrial measurement

## PROJECT DETAILS

### PROJECT: 1

**Title** : Intelligent building system (building automation) using PLC & wireless SCADA.

**Description:** The project involves different types of sensors required for intelligent monitoring of the instruments used in ones day to day life. This includes the automatic gate system, automated water management and metering for the building, automation of street lights and the burglary alarming system which is controlled using PLC and monitored using SCADA. Communication between PLC & SCADA is made wireless by the ZIGBEE Module so that the system can be controlled from any place and respond to each other.

**Duration** : BE final year project (2015-2016)

**Team size** : 3

### PROJECT: 2

**Title** : Traffic light control automation using microcontroller-8051.

**Description** : The project involves the automation of the Traffic light signaling for RED, GREEN AND YELLOW indication on 4-way cross roads. The controller used is the microcontroller 8051 family.

**Duration** : BE third year project (2014-2015)

**Team size** : 3

## INTERPERSONAL SKILLS

- Team work skills
- Flexibility & Adaptability
- Creativity
- Time management
- Handling pressure
- Critical thinking

## CO-CURRICULAR ACTIVITIES

- Attended one day workshop on “Smartplant Instrumentation (SPI/INtools)” conducted under ISA students Chapter, SVIT, Vasad on 4<sup>th</sup> April, 2015.

## EXTRA CURRICULAR ACTIVITIES

- Participated in business competition “BBA Baazigar Season 8” with the team of 11 in year 2014.

## STRENGTH

- Honesty
- Tolerance
- Communication skills
- Strong Analytical ability
- Positive attitude
- Punctuality

## HOBBIES

- Team Sports
- Strategy Games
- Risk Pursuits
- Making mini home projects

## DECLARATION

- I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

(Jaimin Mayur Barot)