PATEL**JAY**

Contact

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Languages

English,Hindi,
Gujarati(M.T)

Programming Languages

♥C,
Embedded C,
C++,JAVASCRIPT,
HTML 5.0,XML,
PHP,CSS,
LaTeX

Experience

| 2015 | **Bombardier Transportation** | Savli, India |

Trainee
One Year experience as Trainee Engineer in Methods Department in Bombardier Transportation Savli
Detailed achievements:
- Good command to define the process and solutions for real time problems.
- Good Knowledge of Chain Management and Implementation.
- Knowledge of Kaizen, PPS, SAP Basics.

| 2013-2014 | **Vtalent Global Pvt Ltd** | Vadodara, India |

Trainee
Worked on different projects based on 8051, Arduino, Raspberry Pie and AVR micro-controllers.
Major Project : Bottle Filling System and Liquid Level Inspection System using Image Processing.
Detailed achievements:
- Get Detail understanding of Image Processing.
- Good Knowledge of interfacing of different module to different micro-controller module and vice versa.

Education

2014–2016	**M.Engg** in Electronics and Comm. Engineering(8.57 CPI)	Gujarat Technological University
2014–2010	**B.Engg** in Electronics and Comm. Engineering(8.02 CPI)	Gujarat Technological University
2010	**HSC(Science)** with Maths,Physics and Chemistry(70 .per)	GSHEB
2008	**SSC** S F High-Shool Chhota Udepur, Baroda(87 .per)	GSHEB

Project

| July-2015 | **QNGR (Queensland New Generation Rolling Stock)** | Bombardier Transportation |

-Project QNGR (ramp-up phase) and Project DMRC (planning phase)
-Change management, implementation and request -Process optimization
-Documentation for production
-Takt time study: Analysis and improvisation

| July-2015 | **Antenna Designing** | Bombardier Transportation/GTU |

Develop, Design and Simulation of UHF Antenna for the Heavy Duty Applications such as Trains.

| 2013-2014 | **Automatic inspection system using Image Processing** | VTalent Global Pvt Ltd/GTU |

Develop Automatic Inspection system based on Image Processing in VTalent Global Pvt Ltd, Baroda.

| Jan-2013 | **Complete Andruino Project** | Parul Institute of Technolgy |

Complete Andruino project on Robotics of Sensor.

| Dec-2014 | **Freelancer Website** | Parul Institute of Technolgy |

Create Freelancer website in HTML using CSS as ME-2th semester Project.

Achievements

MTV Campus Ambassador   Gujarat Region
Organized number of events to the different campus all over gujarat.

Champion-Zone Level Inter School Quiz competition on Science   SPERI
First Prize Winner at Zone Level Inter School Quiz competition on Science, which is conducted by SPRERI.

Champion-Treasure Hunt   Parul Group of Institutes
First Prize Winner in Treasure Hunt event conducted by Parul Group of Institutes.

C Fundamental Course   Microsoft Virtual Academy
had completed certified online course of C Fundamental course at Microsoft Virtual Academy.

Interests

Method Engineer
Better knowledge of Process Flow, Engineering Drawings, Time Study and Analysis.

RF and Antenna Design Engineer
Design and Develop creative antenna for the specific applications.

Image Analyst
Good Knowledge of Image Processing and Image Enhancement.

Skills

Good Management skills
 Excellent Management Skills which require in company.

Design
 Simulate and Development of the RF and Antenna Devices.

Quick Learning Capability
 Quick learning all the fundamental of the Software Technology.

Good in Communication
 Know different languages.

Hobbies

Learn about new technology
 Learn about the emerging technology which helpful to my designing Skills.

Find out Real time Problem solution
 Find out Solution which arise on shop floor on daily base.
- How to fast deliver the product.
- Good Knowledge of Kaizen and SAP.

Travelling
 Go to the different places to learn smallest things about nature.

Read Technological Magazines
 Like DIGIT , Chip, Ftrack...