

# JAY PATEL

Jersey City, New Jersey 07306 | +1 732 (589) (9362) | [jaypatel.etc@gmail.com](mailto:jaypatel.etc@gmail.com)

## OBJECTIVE

---

Working in ABM Systems as Control Engineer. Good command on dealing with clients for better services. We control HVAC Systems in NYC Building in construction field. Servicing and Commissions of Air Handler Unit and Variable Air Volume controller in filed.

## SUMMARY

---

- Three years of experience in Research and Development, Integration, Testing and Implementation of Electronics Hardware in India and Controlling HVAC Systems in NYC Buildings.
- Creative, motivated, and committed to excellence.
- Expertise in tracing electronics/electrical wiring using diagrams.
- Beginner level knowledge of HVAC Systems.
- Experience of Hand Soldering electronics components (SMT components) and power tool
- Hands on experience in QA department as guidance of Electronics Components
- Experienced in solving on site issues related to damage of PCB or Electronics Circuits
- Commissioning of electrical and electronics equipment. Solve to diagnose and troubleshoot problems in electronics equipment in textile industries.
- Used Multi meter, cable tester, Card tester, soldering de-soldering, CRO for testing PCBs and Electronics Sensors.
- On site experience with point to point testing and supple check using troubleshooting methods.
- Hands on Experience with testing PCBs and Electronics Sensors and developed Testing methodology that take less time to test the circuits
- **PCB Designer** with DXP and Altium 2014 software.
- Interact with clients on site to resolve software issues.
- Excellent Interpersonal abilities, Communication skills and Time Management skills.
- Ability to read and interpret blueprints and assembly drawings.
- Ability to solve OPAMP calculation for calculating current and voltages.
- Experience with solving on site issues related to damage of PCB or Electronics Circuits.

## SKILLS

---

- **Hardware Testing Tools** : Multi meter, Cable tester, Card tester, Soldering de-soldering, CRO
  - **Hardware Components** : OPAMP 741, LM 555, 8051 Microprocessor, Transformers, Power Supplies (ICS), Transistor, Diodes, Capacitors, Registers
  - **PCB Designing Software** : DXP and Altium 2014
  - **Building Management System** : Graphics Designing using HML5 and DDC Programming
  - **Business Applications** : Microsoft Office, MS-Project.
  - **Core Qualifications** : Project Management, Documentation of Projects and Time Management.
  - **Operating Systems** : Microsoft Windows, XP
-

# JAY PATEL

Jersey City, New Jersey 07306 | +1 732 (589) (9362) | [jaypatel.etc@gmail.com](mailto:jaypatel.etc@gmail.com)

## EXPERIENCE

---

### **Patwa Kinnarivala Electronics LTD**

R & D Engineer

**Gujarat, India**

June 2013 - June 2015

#### ❖ **Roles and Responsibilities:**

- Servicing in Textile Industry, Installation and Maintenance.
- Experience of meeting clients to discuss our company's products and services to sign agreements and Deal with customer auditors.
- Managed and did installation of different product equipment and products production setup.
- Erection of three machines having 140 spindles in the pressure of clients on going machine cycle.
- Having experience with wiring check for Electrical Power supply.
- 2 IN 1 Yarn Clearer Project in Team Work and developed Testing and Repairing Methods to test Electronics Sensors.
- Handles all documentations of the software and Ordered from clients.
- Used to guide Quality Analysis Department to improve the product performance.
- Maintain almost zero false cutting resulting out of incorrect use of equipment.
- Maintaining shift wise logs which included machine downtime, generated problems, total production per shift.

### **ABM Systems Inc**

Jr. Control Engineer

**New York, NYC, USA**

Nov 2017 – till date

- Controlling HVAC Systems.
  - Commission variable air volume controller and Air Handler Unit.
  - Knowledge of BACNet over IP and Ethernet using Envision Alerton software.
  - Basic Knowledge of designing graphics based on HTML5 in compass for HVAC Systems.
  - Having accurate knowledge of reading electronics circuit using diagram and trace wiring at both ends.
  - Troubleshooting various faults, Planning and procurement follow up of spare parts.
  - Good Understanding of clients meeting and requirements satisfaction.
  - Good Understanding of Safety precaution in Construction field.
  - DDC Programming and Troubleshooting issues.
  - Having instinct knowledge on build HVAC system with start to end.
-

# JAY PATEL

Jersey City, New Jersey 07306 | +1 732 (589) (9362) | [jaypatel.etc@gmail.com](mailto:jaypatel.etc@gmail.com)

## EDUCATION

---

**Monroe College,**  
Masters in Computer Science Technology, (GPA 3.65)

**New Rochelle, NY, USA**  
June 2017

**North Maharashtra University,**  
Bachelors of Electronics and Telecommunication Engineering, (First Class)

**Jalgoun, MH, INDIA**  
April 2012

## TECHNICAL TRAINING

---

**Sofcon India Pvt LTD**

**Vadodra, Gujarat, INDIA**  
Aug 2012

- PLC, SCADA
- Automation Drive Knowledge
- Gained Practical Knowledge of Automation Systems