

HARESH R PATEL

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CAREER OBJECTIVE

- ❖ To work efficiently and effectively as well as grow with a prestigious organization in the field of Electronics Engineering so as to achieve organizational goals.

CAREER SUMMARY

- As a Dynamic Manufacturing Engineer with about 12 years of experience in electronics product monitoring various manufacturing processes.
- Comprehensive knowledge of manufacturing principles, PCB standards, and electronic circuit boards.
- Extensive knowledge of PCB methods, assembling, and fabrication.
- In-depth knowledge of the design concepts and safety standards of PCB.
- Familiar with IPC standards.
- Achievement of production plan.
- Liaise on customer requirements and feedback.
- Ensuring PCB products are manufactured to specified quality levels and production plan.
- Minimizing waste in the production process.
- To knowledge to use Technologies EVO ERP, Crystal Reports, Silicon Expert ▪ Proficiency in Microsoft Outlook, Word, Excel, Access and Power Point.
- Tools : Gc-power place & Gerb-arx, Factory Logix , Evo Erp Universal DPO offline Program..

Experience Details:

1 Accutron Inc. [JULY 2008 - Till Date]

Accutron Inc provides service of Contract Manufacturing with a variety of customers. Accutron has excelled in the highly competitive industry of Contract Manufacturing through flexibility and responsiveness to its customer's needs and created cost-effective solutions which provide high quality assemblies to the customers with a reduced time to market.

Designation: Senior Engineer(As Team Head)

Experience: Till Now

Job Profile: Working as Senior SMT/Production supporting Engineer & TH of Engineering Department

SMT & T/H Programming: To Generate smt & T/H component pick & place program using Gerber file in GC-Power place & Universal DPO software.

- Create smt pick & place program for MYDATA,PANASONIC
- Create smt pick & place program For Universal Equipment Machine GC60,GI14,GX11,AC30,AX72& Universal parts package data base create , maintain & modify as per Datasheet using DPO Universal software.
- Create Cyber optics program for stencil paste inspect machine SE300.
- Create AOI (Automated optical Inspection) program for YESTECH Machine. Also do offline AOI programming.
- Create Glue Dot program for Asymtek Machine
- Create Through hole component program for Axial VCD & Netco DIP Machine

Panel dwg & Approval: To Create Panel Dwg & Approve Gerber file Which come From Board House.

- If Customer Not Provide Panel up Board , To create Panel up Dwg as manufacturing Process requirement , Board Lenth&width and Accutron Standard Panel size.
- To sent Gerber file & Panel dwg to Pcb Board House for Create PCB In Panelize.
- Check Panelize Gerber file & Approve which is receive from Pcb Board House that have The Local fiducial ,Rail Fiducial , V-score ,Routed-tab info,Step-Repeat Info , Rail Info & with Customer file as Panel dwg . And also If have question Related Pcb Fabrication to coordinate with customer to Resolve it.

Stencil : Create Stencil using Gerber file in GC-Power Place software

- Create Stencil Gerber file to Modify Parts Footprint by Checking Pitch & also Review Datasheet of Manufacture For Stencil land pattern & Board land pattern.
- To take care of all type package Like BGA,LGA,LLP ,SOIC etc. Created Stencil Gerber file in Panel sent to Stencil House to Cut.
- To create & modify stencil for Reduce Solder sort , De-solder , Paste Bubble etc.

Check List: Work on Gerber file which provide by Customer. To check all file which is require to Build the Pcb board & Assembly manufacturing. Like Gerber file , ASCII Cad file ,Ref designator X-Y coordinate file , Fab dwg , Assembly dwg , Bill of Material etc.

Labor Quote: Work for Labor quote for estimate labor charge to make Board as per component mount on board By SMT Auto Process , T/H by Auto or Mannual Insert etc for every customer. Types of Quotes:1) New 2) Rev change 3) Age update 4) Qty change 5) scope of work change etc.

Generate Bill of material:

- Scrub of bill of material with existing component data for accurate and complete manufacturer name and RoHS compliant part data.Examine components for life span and report adverse findings through the End of Life (EOL) workflow and reporting system in EVO-ERP system including labor standard,vendor processing instruction and internal work instruction satisfying ISO requirements.(Scrubbing of bom).
- Import customer bill of material and Routing(Process of mfg.) in EVO-ERP system as per customer requirements.

Aegis Documation: Aegis means full presentation of manufacturing process on Production Floor.

- This document Presentation using Circuit Cam Software & Factory logix Software.
- Document Sequence of all steps should be decided as per Routing as well as Assy. Dwg file.
- Which includes different types of stages involved into process. Like, Top & Bottom side SMT part, Glue-Dot process, Selective Solder, Wave solder, Push-line, wash, Touch-up, Testing, Mechanical work, Component preparation, Rework etc.
- Different type of soldering process are using into manufacturing: Hand solder, selective solder, wave solder etc. take care for Non washable and sensitive parts, which should not go to wash. Different type of test is going to be use like: Flying probe, ICT & Functional test. Different type of Hardware parts, Jumpers, shunt, Labels are going to be used into Mechanical Assembly Stage. After every stage inspection should be require.
- Above is just over view of manufacturing for PCB Assembly. To create whole step by step procedure with all precaution.

ECN (Engineering Change notes): Doing work on ECN. Update database into system as per received change listed below from customer. When change Component Change in BOM , FAB drawing revision is Change, Assy drawing revision is Change, Any process Change.

Sales order to Work order convert : To convert sales order in to work order in Evo system for fix Release date & Finish Date which are follow Production schedule.

2 Imprint Automation Service Pvt. Ltd [Since May 2004 To June 2007]

Brief Introduction of Company:

- Imprint Automation Service pvt. Ltd is service provider of Xerox India Ltd . It is located in Ahmedabad. They Sales & take service contract for Xerox Machine as customer requirement.

Designation: Customer Service Engineer

Experience: 3 Years

Job Profile:

- To take Service contract for new Customer & Renewal.
- To provide Service & Repair Xerox Machine as per Customer call. Also provide cleaning service in quarterly.
- To offer to sale new upgraded Xerox machine.

Project:

I have worked on “Over Voltage Protection With Timer.” Project in 4th Sem.

Team Size 4.

Training:

In 5th sem at “Vimal Electronics”,Gandhinagar,Gujarat.

Duration : 3Month . Woking on Housing UPS & weighting Scale.

EMPLOYER:

- ❖ Working as Senior **SMT/Production supporting Engineer** in Accutron Inc. ,Ahmedabad

(PCB assembly manufacturer, Control System Manufacturer, Sub Contract Manufacturer) from July 2008- Till Date).

ACADEMIC:

- ❖ D.E in Electronics & communication Engineering from Gandhinagar Goverment polytechniq with Second class.
- ❖ H.S.C from Gujarat Secondary & Higher Secondary Education Board with Second Class.
- ❖ S.S.C from Gujarat Secondary Education Board with Distinction .

PERSONAL DETAILS

Name	: Haresh R. Patel
Gender	: Male
Date of Birth	: 18 th Aug. 1982
Languages known	: English, Hindi and Gujarati
Marital Status	: Married
Nationality	: Indian

Present Address : C/o Shyam Tirth Flat,
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I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the particulars correctness of the above-mentioned.

(Haresh R Patel)