

Prashanth Achalkar

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Result-Oriented proactive and hardworking professional with 14 years experience in various areas CAD-CAM and electronic test and Assembly with creative problems resolution capabilities and seeking a position where experience and potentiality will enable to continue to a Companies' objective.

Technical Skills

Engineering Design (CAD/CAM)

Designing fixtures and Test equipment

Debug electronic circuits and knowledge in electronic components.

Various types of Laser machines handling and troubleshoot and install supporting software.

Handle equipment like Multi-meter, Oscilloscope and Soldering skills.

Software and Soft Skills

CAD CAM Software's: Graphiccode(GC-PowerStation), Circuit CAM,CAM350, AutoCAD.

Soft skills: Ms Office word, Spreadsheet, PPT and installing related software's.

WORK EXPERIENCE

Sr.CAD Engineer

Advance circuit designs centre Sdn Bhd, Penang Malaysia

2015-Present

- Organize and prioritize workloads to decide which tasks to get done first and parallel responding to customer telephone queries.
- SMT stencil designing for complex Hybrid technology PCB boards and reflow pallets.
- Experience in the prototype PCBA process (Paste printing, Component placement, and reflow).
- Good at reading schematics drawings, editing PCB Gerber's, and checking the BOM for component placement.
- Advise and design stencil opening SMD, PTH packages, Shields, and design multi-step hybrid stencil to meet required paste volume, and provide the solutions on PCBA process defects.
- Run the design rule to check the parameter and create corresponding output to the machine.
- Designing multi fixtures for paste printing on components and mini stencils for reworking PCBA.
- Analyze the problem; look at it from various angles to fix it, and provide training to newly joined trainees.
- Work on implementing a corrective action plan for identified cause and prepare a report.

CAM Engineer

SPTC stencils Pvt Ltd Chennai India

2009-2014

- Experience to work on PCB files of different format like (Gerber, ODB+ and DXF)
- Applying modification on paste layer and preparing checkplot.
- Calculating (Area and Aspect) paste deposition ratio and report sending to customer for verification.

- PCB penalization using a multipack layer and adding local/global fiducial.
- Suggesting modification, stencil thickness, and step mapping on critical packages.
- Expert in cam tools (flash, poly, remove inner pads, compare layer, isolation fill and routing)
- Perform Pre-manufacturing design rule check (DRC) for all packages.
- Generating NC file for CNC laser machine and exporting the Gerber for SPI machine.
- Documents update existing CAM design procedure and guidelines.
- Handling customer telephonic calls and visiting.

Electronic Technician

Karnataka Hybrid Micro devices Ltd. Bangalore India

2007-2009

- Worked in hybrid (Denso ckt) manufacturing process.
- Enter the required values in the program to trim the carbon resistor with a help laser to achieve the required value.
- Apply knowledge of quality; use analytical thinking/techniques to solve problems.
- Capable of troubleshooting electronic control systems and handling laser machine.
- Obtains technical guidance, as required, from supervisor or higher-level technician.
- Performs circuit equipment repair, and assist required areas.
- Introduce continual improvements in the process and update the skills of entry-level technicians.

Additional Trainings

ISO 9001-2008, Lean Management and 5s Standards.

Education and Qualification

Diploma (Electronics and communication) 2004-2007

Industrial Training Institute (Electronic Mechanic) 2001-2003

Personal Data

Date of Birth : July 29th 1985

Gender : Male

Nationality : Indian

Passport No : M0154919

Marital status: Married

Languages known: English, Kannada, Tamil & Hindi

Permanent Address: S No 8/14 A,Muddanna Complex, Chord Rd, Attiguppe, Bengaluru, Karnataka 560040

Declaration: I declare that all above furnished information is correct to the best of my knowledge.

Yours Faithfully
Prashanth Achalkar