

CHINTHAKRINDULASAIKIRAN

Mobile:+91-7801021920

Objectives:

Seeking a challenging position in Embedded industry, where I can utilize my skills and experience to contribute to the success of the company.

Work Experience:

I have been working in the industry for 1.2 years as PCB design Engineer in Electronics System Domain in EDIC Semicon Pvt. Ltd. I am accustomed to design PCB's with an awareness of "Design for Manufacturing, Design for Assembly."

I have carried out various layout designs like multi-layer boards with various components.

Schematic capture, Netlist Analysis, Placement optimization, Routing, DRC, Library management and Gerber view analysis using tools like Gerb viewer and DFM constraint management.

Skills:

- Expertise in industry leading Vender PCB design tools like Cadence Allegro.
- Experience in Footprint creation (library management and knowledge about components) for components and understanding the layout process.
- Knowledge to work with PCB fabricators.
- Working with PCB design and layout tools.
- Development of documentations such as Standard Operating Procedures, Schematics Bill of Materials & Net list.
- Giving instructions and guidelines in production of electronic and mechanical assembly section.
- Experienced in usage of blind, buried and micro via.
- Knowledge of current PCB fab and assembly technologies supporting Design For Manufacture ability (DFM).
- Identifying key requirements from the Customers and incorporating necessary procedures for bringing out Quality designs.
- Communicate effectively with the customers, Product engineering team, and Applications engineering team both verbally and written.
- Good knowledge in EMI/EMC guidelines in PCB design.
- Understanding the schematic flow.
- Designing the stackup for multi-layer boards.
- Schematic Drawing and symbols creation.

Tools Expertise:

PCB Layout & Gerber Tools

- Cadence Allegro (version 16.6, 17.0, 17.2, 17.4)
- Gerberviewer.

Schematic Capture Tools

- Cadence Capture (Formerly or CAD Capture)

Roles & responsibilities:

- Drawing the schematic as per the document.
- Preparation of Bill of Material.
- Designing the Layout, and from Netlist to Gerber.
- Review the Gerber Viewer.
- After Fabrication Q.C by visually.
- Assembly support.

Projects:

- Designed PCB for Home automation 4 relay modular board, 8 relay modular board
- Designed PCB for Blynk IoT trainer kits.
- Designed PCB for sensor trainer kit.
- Designed PCB for cam module with esp32.

Education:

- **B.COM Degree** in Sri Nidhi Degree college **MAHATMA GANDHI University**, Devarakonda in the year of 2017.
- **INTER, MEC** completed in Tapasya Junior College which is in Hyderabad in the year of 2014.
- **SSC** completed in Krishnaveni Talents school which is in Devarkonda in the year of 2012.

Declaration:

I hereby declare that all the particulars finished by me are in this application are true and complete to the best of my knowledge and belief.

Place: Hyderabad

Date:

CH.SAIKIRAN

