

Suresh Kumar
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San Jose, CA 95148
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Senior PCB Designer

SUMMARY

Extensive expertise as a PCB Designer for over 10 years. Background includes fine-tuning design process for maximum efficiency from floor planning to assembly and test of PCB boards. Have directed the activities of PCB design and Document control group. Focused dependable individual with excellent analytical, problem-solving and communication skills. Team player who believes in getting the design right the first time and completed on schedule.

TECHNICAL SKILLS

- RF, Analog and digital multilayer SMD, thru hole rigid and flexible PCB Design from net list and schematic input.
- Floor planning, placement, manual routing and autoroute using Spectra.
- Create library parts, fabrication, assembly drawings and schematics.
- Output manufacturing data, reports, netlist and check using CAM350.
- Quoting, scheduling and monitoring PCB Designs.
- Interface with vendors for PCB manufacturing and assembly.

ACCOMPLISHMENTS

- Analyzed already completed PCB and improved the design, saving the company \$50,000 over the life of the product.
- Chaired the change control board to deliver quality products at low cost.
- Created and published company's PCB design procedures, reducing design time by over 10%.
- Found and repaired communication gap between Engineers, Designers and customers which resulted in good time management and prevented costly errors.
- Worked with PCB Fabrication and Assembly vendors in making sure they received all the information needed to give my company good boards, thus increasing fabrication and assembly yield.

EXPERIENCE

DYNAMIC DETAIL (PCB design, fabrication & assembly Service) 2001 - 2002

San Jose, CA

Senior PCB Designer

GENERAL WIRELESS COMMUNICATION (Handheld Wireless Products) 1998 - 2001

Santa Clara, CA

Senior PCB Layout Engineer

MAGELLAN CORPORATION (Global Positioning Systems) 1996 - 1998

Santa Clara, CA

Senior PCB Designer

XKD CORPORATION (Simulation Monitors) 1988 - 1995

San Jose, CA

Design Drafting Supervisor

3M (Test & Measurement Systems) 1984 - 1988

San Jose, CA

Electro / Mechanical Layout Designer

EDUCATION

Industrial Technology with emphasis in Design Drafting and Supervision

San Jose State University, San Jose, CA

CMOS Layout Design

Institute for Business and Technology, Santa Clara, CA

Electronic Drafting, Dimensioning and Tolerancing

Evergreen Valley College, San Jose, CA

PROFESSIONAL TRAINING

- PCB Design, Sponsored by Institute for Interconnecting and Packaging Electronic Circuits
- SMT Design, Sponsored by SMT Plus
- PCB Design for Manufacturability, Sponsored by Copper Connection
- Engineering Documentation Control, Sponsored by Center for Continuing Engineering
- Advanced Geometric Dimensioning and Tolerancing, Institute for Engineering and Design
- Quality Management Through Planning and Error Prevention, Sponsored by 3M Quality College
- Cadence Allegro PCB, Spectra and Concept HDL Training, Sponsored by Cadence
- PCAD PCB Training, Sponsored by PCAD
- Power PCB Sponsored by Dynamic Detail Design
- VeriBest PCB Training, Sponsored by VeriBest.
- AutoCAD, Sponsored by San Jose Occupational Center

SOFTWARE SKILLS

Cadence Allegro 14.1, P-CAD2001, Spectra Auto Router , Veribest, PowerPCB (training only), Orcad Capture , Concept HDL, AutoCAD ,CAM350, Windows NT and 2000 operating systems, Ask-Manman , Expendable, L-Edit.