
Objective	Seeking a challenging opportunity as a Mechanical Engineer	
Education	M.S. in Mechanical Engineering, 05/05 San Jose State University, CA.	B.E. in Mechanical Engineering, 05/02 Saurashtra University, Rajkot, India.
Relevant Courses	Electronic Packaging and Design, Precision Machine Design, Finite Element Analysis, Computer Aided Design, Computational Fluid Dynamics, Heat Transfer In Electronics, Advanced Strength Analysis	
Skills	<ul style="list-style-type: none">• Pro/E Wildfire, Pro/Mechanica (Analysis Tool), AutoCAD, MatLab, Familiar with LabVIEW.• Programming with C, C++ and FORTRAN.• Strong verbal and written skills. Self Starter, energetic and team worker.	
Projects	1) Assembly of an IC Testing Socket Solid modeling of burn in sockets for testing IC's using Pro/E. Socket was designed to test a BGA package. Project is part of subject "Computer Aided Design and Manufacturing".	
Aug'04- Oct'04	2) Static Analysis Of A Cooling Fan Project included performing static analysis of a cooling fan using "Finite Element Analysis". Pro/E was used as a modeling tool and Pro/Mechanica as analysis tool. The project was part of the subject "Finite Element Analysis".	
Aug'03- Nov'03	3) Small Scale Hovercraft Model Led a group of four people in the design and construction of a working model of hovercraft. The project included developing 3D model of hovercraft through AutoCAD. The project was completed towards partial fulfillment of the Bachelor's Degree in Mechanical Engineering.	
Feb'02 - Mar'02		

Professional Experience

June'04- Present	Gold Technologies, Inc. Mechanical Engineering Intern: <ul style="list-style-type: none">• Generated product specification and required documentation which allowed communication between the customer and the company, in order to determine the correct product requirements.• Designed IC testing sockets using customer requirements, known procedures, design rules and standards.• Successfully standardized designs for heat sinks in sockets and generated customer documentation.• Experience with design of burn -in sockets for BGA, SOP, TSSOP, QFP, QFN packages.• Performed quality control checks on work orders before releasing to manufacturing.• Assisted in final quality assurance by complete product inspection before it goes out to the customer.
Jan'04- May'04	Mechanical Engineering Dept., SJSU. Graduate Research Assistant: <p>Successfully and solely accomplished experimental research on Heat Pipes as a part of laboratory development devoted to Electronics Cooling. The project was funded by National Science Foundation (NSF) and responsibility includes assembly of heat transfer devices, setting up thermal test equipment, and characterizing the thermal performance of the Heat Pipes.</p>
Jul'02 - Oct'02	Videocon Narmada Glass, Bharuch, India. Videocon Narmada Glass is a corporate giant in the field of consumer electronics in India. Graduate Engineer Trainee: <ul style="list-style-type: none">• Worked on SAP module for creating and updating breakdown, opportunity and preventive maintenance database.• Supervised and maintained production line equipped with different hydraulic and pneumatic equipments with the responsibility of maintenance engineer.• Created and modified AutoCAD drawings of test fixtures and supporting structures for pneumatic press.• Supervised maintenance of equipments like Bucket Elevators, Belt Conveyors, and Vibrating Feeders in batch house section.

**Other
Trainings**

- Training at SEMI-THERM-20 experiment based short course on electronic cooling at San Jose State University, CA. March 8 '04
- Certificate course in Computer Programming from Software Solutions Integrated (SSI), India. The course covered fundamentals of programming - C, OOPS concept C++, introduction to UNIX. July'02-Sept'02

**Activities/
Honors**

- Received special recognition award from CEO, Gold technologies, Inc. for efforts on heat sink standardization project.
- Recipient of Philip M. Blair Memorial Education Award, San Jose State University, May 7 '04
- Recipient of the "Best Project Award" Year 2002-03, V.V.P. Engineering College.
- Active member of American Society Of Mechanical Engineers (ASME).

References

Furnished upon request