NIRANJANA D T

SVSS PG, Plot No. 40   **Mobile:** 7406670175
Channamma Layout,   **E-mail:** niranjanadt@gmail.com
Seettharam palya
Bengaluru-48

Career Objective:

To have a growth oriented and challenging career, where I can contribute my knowledge and skills to the organization and enhance my knowledge through continuous learning and teamwork.

Experience

Client Location: TE-Connectivity India Ltd, Bangalore

Company: Padmavathi Consultants

Period: January 2018 to Present

Designation: Associate Engineer

Roles and Responsibilities in Automotive:

- Analyze the 2-D drawings and collect the required data.
- Preparation of Customer and Production Drawings of Product models and assemblies.
- Modification to the existing parts, assemblies and drawings as per customer request.
- Working on DM.Tech and CPR link

Experience

Company: Zentron Labs pvt ltd

Period: January 2016 to February 2017

Designation: Project Engineer

Project: High Speed vision Inspection for Micro Precision Gauging.

Developing a vision system product for High-Speed image Acquisition, processing, and calculating of several critical dimensions for each Terminal of Electrical Connectors.

Roles and Responsibilities:

- Developing the Program as per the requirements.
- Development of debugging and analyzing of errors.
- Full Machine Testing and Preparation of Test report.
- Machine Installation at Customer place.
- Handling different types of issues.

Internship:

Completed **1 Year** (2015) Internship on **NI LabView** at **Zentronlabs.**

Learn about basics of Labview (Core-1 and Core-2)

Learn and work on Object oriented Design Patterns. (Actor Frame work, State Machine)

Learn about Image processing.

Training Undergone:

Training on Hypermesh at Pro Sim from March 2017 to till date.

Project: FE Modeling of Pressure Vessel.

Description: Extraction of Mid Surface and Geometry clean up. Shell Meshing was done according to customer standard.

Project: FE modeling of Radial Engine.

Description: Geometry cleanup was done. Solid (3D) Meshing was done as per customer requirements.

Roles and Responsibilities:

- Detailed study of Geometry and Time estimation.
- Checking the Mesh Quality criteria with reference to customer requirement.
- Preparing the quality checklist as per obtained result.
- Assigning of proper material properties and thickness.

Software Skills:

Hypermesh, Lab view, Creo, Ansys CFD, C-language.

Academic Qualification:

Course	Institute	Percentage	Year
M.Tech-Thermal Power Engineering	MVJ College of Engineering	72.87%	2015
BE-Mechanical Engineering	University BDT college of Engineering, Davangere	68.63%	2013
PUC	Nutan PU College, Davangere	77.16%	2009
SSLC	Mahatma Gandhi English Medium High School, Challakere.	91.84%	2007

Academic Projects Undertaken:

Project Title (Mtech): "Study Of Performance Of Turbulence Models As Applied To Double Forward Facing Step"

The work is on study of Turbulence models for the Flow (inside flow) over steps. The amount of Heat Transfer at Recirculation regions are compared with Spalart allmaras, K-Epsilon, K-Omega Standard and SST models. By Comparing all results with previous work and Experimental Results, It was found that K-Epsilon Turbulence model is appropriate for this kind of application.

Project Title (BE): "Analysis Of Wear Characteristics Of Aluminum Based Metal Matrix Composites Using Taguchi Method"

The Wear rate of Composite specimen of Al-6061 and Fly Ash was studied by conducting experiments on pin-on-disc wear tester. Wearing process was carried out by Minitab 15 software. Results generated are used for prediction of wear rate.

Strengths

- Quick learner
- Flexible team worker.
- Can work under pressure to meet deadlines.

Co-Curricular Activities:

- Secure 2nd place in District level Kho-Kho.
- Secure 4th rank in state level Chinthana Mathematics Exam.
- Participate in District level Akhila Karnataka Makkala vignana samavesha.

Hobbies:

Reading novels, Listening music, Playing Games

Personal Details:

Name	:	**Niranjana.D.T**
Date of Birth	:	7th February 1992
Languages Known	:	Kannada, English
Permanent address	:	S/O Thippeswamy.D.M
		#1645/11, 6th main, 10th Cross
		Veerabhadreshwara Krupa
		Vidyanagara
		Davangere-577005

I hereby declare that all the details furnished here are true to the best of my knowledge.

Date:

Place: Bangalore   (Niranjana.D.T)