

Soman Shammi Deepak Nellipudi

Date of birth: 24/01/1996 | **Nationality:** Indian | **Gender:** Male | **Phone number:** (+39) 3487682556 (Mobile) |

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● WORK EXPERIENCE

10/2022 – CURRENT Zejtun, Malta

MECHANICAL ENGINEER JEKRAN LTD

1. Demonstrated proficiency in using Abaqus software by Conducted a comprehensive **nonlinear static stress analysis** on a thick cylinder for the **Autofrettage process**.
2. Conducted a detailed **material selection analysis** and recommended the use of special condition steel, resulting in optimal Max Plastic range utilization during operation.
3. Analyzed cylinder behavior under various **loads, mesh sizes, and boundary conditions**, leading to key design decisions that improved the overall performance and durability of the cylinder.
4. Completed the project independently, **overcoming challenges** and showcasing **strong problem-solving skills** and attention to detail.

06/2018 – 04/2019 Sikkim, India

DESIGN ENGINEER NAVAYUGA ENGINEERING COMPANY LTD

1. Proficient in **2D modelling** using **AutoCAD** for technical and mechanical drawings and designs.
2. Skilled in **Autodesk Inventor** for **3D modelling, drafting, and metal sheet drawings**.
3. Designed parts and assembly drawings with exploded views, bill of materials (BOM), and tolerances.
4. Experienced in **developing sheet metal designs** with folded and unfolded configurations.
5. Collaborated with cross-functional teams to incorporate design feedback and ensure project success.
6. Monitored and **managed inventory** levels to optimize stock levels.
7. Prepared **RFQs** and analyzed supplier quotes to ensure cost-effective production.
8. Raised and maintained **BOMs** to support manufacturing and production processes.

● EDUCATION AND TRAINING

09/10/2019 – 22/07/2022 Cassino, Italy

MASTER OF SCIENCE IN MECHANICAL ENGINEERING UNIVERSITÀ DEGLI STUDI DI CASSINO E DEL LAZIO MERIDIONALE

INTERNSHIP & THESIS: The Study of Traditional and Innovative Methods for Risk Assessment.
METHODS INCLUDES:- HAZID, HACCP, HAZOP, ETA, RCA & FMEA.

CASE STUDIES:- "HAZID" & "HAZOP" in the Ammonia based Fertilizer Factory.

Standards:-

- 1) ISO 22000:2018 & ISO/TS 22003:2013.
- 2) ISO 9001 & ISO 45001.

Address Cassino, Italy | **Field of study** Mechanical Engineering | **Final grade** 94/110

05/09/2014 – 23/03/2018 Andhra Pradesh, India

BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING Aditya College of Engineering & Technology

Obtain the degree in **"FIRST CLASS WITH DISTINTION"**

Address Andhra Pradesh, India | **Final grade** 72.25% | **Thesis** Design & Manufacturing of GO-Kart.

● LANGUAGE SKILLS

Mother tongue(s): **TELUGU, HINDI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
NORSK	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● ADDITIONAL INFORMATION

SOFT SKILLS

Technical Skills

1. Model Simulation software - **MATLAB - Simulink, COMSOL , OpenFOAM,**
2. FEA software **Ansys, Catia, Abaqus.**
3. CAD software - **Creo Parametric, AutoCAD, SolidWorks, Inventor.**
4. Process improvement & Statistical Analysis - **Minitab.**
5. Documentation & Presentation - **MS Office.**
6. Proficiency in the usage of **MS Word, MS Excel & MS PowerPoint.**

Certifications

- **Lean Six Sigma** - Green Belt Certified by **NABET, NABCB, ISO.**
- **AutoCAD** Certified by **AutoDesk.**
- **MS Excel** Certified by **COURSERA.**
- **SOLIDWORKS** Certified by **CSWP.**

Interpersonal Skills

1. Adaptability, Flexibility, Understand-ability.
2. Strong Managerial & Communication Skills.
3. Good Listener, Good Learner.
4. Multitasking and ability to manage problems autonomously and helping team.
5. Abilities to achieve results with in the constrains.
6. Proactive nature & problem solving attitude

Hobbies

1. Hyper Realistic Colour Pencil Art Work.
2. Cooking and Food Presentation.
3. Physical Fitness, GYM & Running.
4. Watching and Reading Documentaries on Astronomy and Animals.

Thanks for your time and consideration. Hopefully, we can discuss my qualifications and the job position at an Interview soon.