



Ryan Susai

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ABOUT ME

A passionate Mechanical Engineer having a keen interest in the Automobile and Aerospace Industry, harboring a passion for CAD/CAM. Graduated with a B.Tech Mechanical Engineering Degree from Vellore Institute of Technology, Vellore. Striving to gain more knowledge and opportunities, prepared to face challenges, and always welcoming new insights, will work towards assignments and tasks with full efficiency and dedication.

EDUCATION AND TRAINING

Bachelors of Technology - Mechanical engineering

Vellore Institute of Technology, Vellore [10/2020 – 07/2024]

City: Vellore, TN | Country: India | Website: <https://vit.ac.in/> | Level in EQF: EQF level 6

Higher Secondary

The Indian High School, Dubai [04/2018 – 04/2020]

City: Dubai | Country: United Arab Emirates | Website: <https://ihsom.ihsdubai.org/>

WORK EXPERIENCE

R&D Intern

Disha Auto Components Pvt. Ltd. [01/2024 – 05/2024]

City: Aurangabad, MH | Country: India

A five month internship in the establishment, which deals with the manufacturing and export of High Pressure Pipe "Couplings". Was part of the team as a R&D Intern, tasked with the automation of certain components of the Shopfloor, and Introduction of IoT and Industry 4.0 principles.

Achievements/Tasks

- Successfully automated the painting section, a previously manual process
- Introduction of IoT in the workplace, to digitize the record keeping process.

Computer Aided Design Engineer

Team Albatross [12/2020 – 05/2024]

City: Vellore, TN | Country: India

A proficiency in the CAD software (SOLIDWORKS), thanks to the work experience in Team albatross, a student led Aero Design college team, part of SAE. The CAD knowledge has been put to good use by assisting in designing the CAD model of our flagship aircraft.

Achievements/Tasks

- Significant Contributions to structural design of our Team's Flagship aircrafts for the year 2021-22
- Proficiency in SOLIDWORKS, a CAD and design software, attaining the "Professional" status

Photo and Video Rendering and Animation

Team Albatross [12/2020 – 05/2024]

City: Vellore, TN | Country: India

A proficiency in using KEYSHOT, an animation and rendering software, which was extensively used to make animations and designs of our flagship planes for displays on Social Handles and Technical Presentations for Team Albatross, a student led Aero Design college team, part of SAE.

Achievements/Tasks

- Created renders which are posted on our team's official Instagram handle

R&D Intern

Abu Sami Mechanical Est. [06/2022 – 07/2022]

City: Dubai | Country: United Arab Emirates

A one month internship in the establishment, as an assistant for construction vehicle component assembly. Took back an amazing work experience, and got a hands on the components and assembly techniques.

Achievements/Tasks

- Understanding Engine components, Hydraulic working principles.
- Internship certificate provided for successfully completing the task.

CERTIFICATES

[05/2022 – Current]

SOLIDWORKS ASSOCIATE - Mechanical Design (CSWA)

Link: <https://cv.virtualtester.com/qr/?b=SLDWRKS&i=C-FE3ZH9AK7C>

[07/2022 – Current]

SOLIDWORKS PROFESSIONAL - Mechanical Design (CSWP)

Link: <https://cv.virtualtester.com/qr/?b=SLDWRKS&i=C-8MSP5FQUTZ>

[10/2022 – Current]

SOLIDWORKS PROFESSIONAL - Drawing tools (CSWPA)

Link: <https://cv.virtualtester.com/qr/?b=SLDWRKS&i=C-TM5VS6QAR8>

[03/2023 – Current]

JAVA Programming: solving problems using software

Link: <https://coursera.org/share/fc69e48bdcaa796396e79311eca3be14>

LANGUAGE SKILLS

Mother tongue(s): English | Konkani

Other language(s):

Hindi

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2

SPOKEN INTERACTION C2

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

DIGITAL SKILLS

SOLIDWORKS / KeyShot / Microsoft Word / Microsoft Powerpoint / Fusion 360

COMPETITIVE EXAMINATIONS

[05/2024 – Current]

GRE

-Verbal - 149/170

-Quant - 161/170

-Analytical Writing - 3.5/6

-Total Score - 310/340

[05/2024 – Current]

IELTS

-Listening - 7.5

-Reading - 8.5

-Writing - 7.0

-Speaking - 7.0

-Overall Band Score - 7.5

HOBBIES AND INTERESTS

Photo and Video Editing Eager to learn software like **Blender, Adobe Premier Pro, Adobe Photoshop,** etc

ANSYS Eager to learn the software, especially the use of **Mechanical, CFD and structural analysis**