JEEVADARSHAN G

B.E MECHANICAL ENGINEER

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github.com/JEEVADARSHAN 🔗 jeevadarshan.github.io

PROFILE

UG Researcher specializing in CAD and Additive Manufacturing (FDM process) with hands-on experience in design and prototyping.

EDUCATION

B.E Mechanical Engineering, Chennai Institute of Technology ⧉
CGPA - 9.03 (3rd Semester)

2023 – Present
Chennai, Tamil Nadu

HSC, Anita Methodist Mat. Hr. Sec. School ⧉
Percentage: 90.33%

2022 – 2023
Chennai, Tamil Nadu

PROFESSIONAL EXPERIENCE

CAD Design Intern
KarthiKesh Robotics Private Limited ⧉

09/2024 – 10/2024

Researach Intern
Centre for Additive Manufacturing (CfAM) ⧉

05/2024 – 06/2024
Chennai, Tamil Nadu

PATENTS

AN EFFICIENT FILAMENT EXTRUSION DEVICE, *Proof of Right*
Application Number: 202441050345

Rotary Friction Welding for Precision Polymer Joining, *Proof of Right*
Application Number: 202441083654

PROJECTS

Responsive Portfolio Website ⧉

11/2024 – 12/2024

- Created a responsive portfolio website to showcase projects, skills, and professional achievements with an intuitive user interface.

Design of a Vibration Testing Fixture

05/2024 – 06/2024

- Developed a vibration testing fixture and method for efficiently performing vibration tests on specimen samples to evaluate performance and durability

ACHIEVEMENTS

First Place in Invisible Design Hackathon 2025,
Conducted by Invisible Design Hackathon 2025 as part of World Engineering Day

Second Runner-up in CAD Esports Event,
Organized by Mechanical Engineering Students' Association, IITI in association with CAE Club, IIT Indore.

Finalist in Hackfest as part of Innovest 2024, *Organised by Chennai Institute of Technology*

Finalist in National level UG/CAD Modelling and Drafting, *Conducted by SAE INDIA Southern Section*

SKILLS

CAD & CAE Softwares	**Additive Manufacturing**	**Programming Languages**	**Tools & Technologies**
CATIA, Fusion 360, NX CAD, PTC Creo, Solidworks	FDM, Ultimaker Cura, UTM, Extruder	Python, C, C++, HTML, CSS, JS, Flutter	MS Word, Excel, Powerpoint, Google Docs, Sheets, Slides

CERTIFICATES

Certified Solidworks Design Associate (CSWA) Dassault Systèmes	**Failure Analysis and Prevention** NPTEL, IIT Roorkee	**UG/CAD Modelling and Drafting** SAE India Southern Section
Additive Manufacturing Coursera, Arizona State University	**Fundamentals of Automotive Systems** NPTEL, IIT Madras	**Foundations of Cognitive Robotics** NPTEL, IIT Kanpur