



PROFESSIONAL SUMMARY

Hands-on Industrial Designer with a Master's degree from UNSW and 3+ years of experience, including retail display and product development. Expert in SolidWorks, Rhino 3D, Fusion 360, and the complete design process from concept to production. Proven ability to develop engineering solutions and coordinate with suppliers to ensure high-quality outputs. Skilled in creating assembly instructions, preparing technical documentation, and implementing design improvements. Seeking to leverage technical expertise and creative problem-solving abilities to contribute to innovative display solutions and growth objectives.

PROFESSIONAL EXPERIENCE

Industrial Designer

EVOLUTION DISPLAYS PTY LIMITED

April 2023 – Dec 2024 | Sydney, NSW | Part-time Permanent

- Collaborated with design teams to develop retail displays from concept to production using SolidWorks and Adobe Suite, delivering innovative solutions that increased client engagement.
- Created over 50 high-impact 3D renders using SolidWorks and Keyshot, improving client approval rates by 30% and streamlining the design approval process.
- Implemented DFM principles that reduced material waste by 20% through optimized cutting and thermoforming techniques.
- Developed comprehensive assembly instructions using SolidWorks drawings and Adobe Creative Suite to ensure proper installation.
- Assisted in technical documentation including BOMs, specifications, and detailed drawings for manufacturing teams.

Industrial Designer

SysIDEA Robotics Lab, IIT Gandhinagar

January 2022 – May 2022 | Gandhinagar, India | Full-time

- Engineered complex mechanical systems including a continuously rotating series elastic actuator for ISRO, demonstrating ability to solve challenging design problems.
- Developed detailed engineering solutions in SolidWorks for a 2DOF robotic manipulator, incorporating moving parts and lever mechanisms.
- Produced ISO-standard technical drawings and documentation to effectively communicate design specifications to manufacturing teams.
- Conducted thorough prototype testing, documenting results and implementing improvements based on findings.

KEY SKILLS

SolidWorks

Rhino 3D

Fusion 360

AutoCAD

Keyshot

Illustrator

Photoshop

InDesign

3D Rendering

Engineering Solutions

Project Management

Assembly Instructions

Print-Ready Artwork

Retail Display Design

Prototype Development

Design for Manufacture

Supplier Coordination

CORE COMPETENCIES

Engineering & Design

Expertise in developing detailed, innovative engineering solutions using SolidWorks, Rhino 3D, and Fusion 360 to translate concepts into manufacturable products.

Project Coordination

Experience supporting project management from concept to completion, ensuring on-time delivery within budget constraints.

Production & Manufacturing

Strong background in manufacturing processes and supplier coordination for retail display and product production.

Problem-Solving

Proven ability to think operationally through challenges and develop innovative, practical solutions to complex design problems.

EDUCATION

Master's Degree, Design

UNSW

February 2023 – August 2024

- Dean's List recognition for academic excellence
- Winner: Circular Economy Design Sprint 2023
- Featured: UNSW SDG Showcase

Industrial Designer

SunRobotics Technologies

June 2020 – August 2021 | Ahmedabad, India | Full-time

- Designed and developed educational robotics products from concept to production, ensuring manufacturability and user engagement.
- Created detailed SolidWorks models and drawings for manufacturing, including specifications for injection molding and CNC machining.
- Generated assembly instructions and technical documentation to support product implementation in educational settings.
- Collaborated with cross-functional teams to develop innovative solutions within budget constraints and tight deadlines.
- Designed and prototyped an FPV quadcopter with 4kg payload capacity, demonstrating ability to manage complex engineering challenges.

Freelance Designer (3D Model & Rendering)

Fiverr

Jan 2023 – Oct 2023 | Sydney, NSW

- Created client-ready visualizations and technical documentation for product development and marketing purposes.
- Prepared print-ready artwork files using client-supplied logos and branding elements, ensuring quality output for printed items.

ADDITIONAL INFORMATION

- Full work rights in Australia
- Multilingual: English (Full Professional), Hindi (Native), Gujarati (Native)
- Portfolio: tejaspatel.design

Bachelor of Design, Industrial & Product Design

Nirma University

2018 – 2022

- Winner: Innovora "Second Life of Packaging" Challenge

CERTIFICATIONS

- Design for a Circular Economy
- ADA Innovation Hub Circular Economy Design Sprint 2023
- Data Visualisation: Empowering Business with Effective Insights
- Accenture North America – Product Design

RELEVANT PROJECTS

- **Retail Display System:** Collaborated with design teams to assist in developing modular display solutions with comprehensive assembly documentation.
- **Technical Documentation:** Created detailed engineering drawings and assembly instructions for manufacturing teams.
- **Complex Mechanical Systems:** Developed solutions for moving parts and mechanisms with SolidWorks documentation.
- **Print Production:** Generated print-ready artwork files for branded retail displays and signage.