

# Jacob Arikupuram

## Industrial Designer

Portfolio : [www.worksbyjacob.com](http://www.worksbyjacob.com)

### EXPERIENCE

#### **PESU Venture Labs** — Industrial Designer

*Bengaluru, India | June 2021 – July 2022*

- Designed and developed hardware solutions integrating mechanical, electrical, and UX for IoT and consumer tech products..
- Created 3D CAD models (Fusion 360, Rhino, SolidWorks) and manufacturing drawings for scalable metal/plastic fabrication.
- Collaborated with international manufacturing partners to refine DFM/DFA and optimize production.

#### **UTSAAH Labs (IISC)** — Industrial Design Intern

*Bengaluru, India | February 2021 – May 2021*

- Developed mock-ups and study models to validate ergonomic and functional designs for medical devices.
- Conducted user research and usability testing to identify pain points and improve product functionality.
- Assisted in design reviews and ideation sessions to refine and validate concepts.

#### **Permanent Objects** — Furniture Design Intern

*Bengaluru, India | May 2019 – July 2019*

- Oversaw sketching, ideation, design of a collection of furniture pieces for musicians to use in conjunction with instruments like piano seats, guitar stands and music notation stands
- Created compelling visual narratives through sketches, renderings, and deck presentations for stakeholders.

**Sponsorship not required, Green card in processing**

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### EDUCATION

#### **Art Center College of Design**

M.S Industrial Design

*September 2022 – December 2025*

#### **Drucker School of Management**

MBA

*August 2023 - December 2024*

#### **PES University**

B.Des Product Design

*August 2017 - July 2021*

### ADDITIONAL EXPERIENCE

#### **Gravity Sketch** — Student

Ambassador

*Remote | January 2024 – April 2024*

- Trained in advanced 3D design workflows using Gravity Sketch on VR.

#### **Art Center** — Studio Assistant

*Pasadena, CA | July 2023 - December 2023*

- Overseeing and optimizing 3D printers and CNC machines in the design studio.

### SKILLS & SOFTWARE

3D Printing, Arduino Development, Prototyping, Rhino 3D, Solidworks, Keyshot, Fusion 360, Blender, Adobe Creative Suite