

Nihalkrishna N B

Industrial Designer

I am an Industrial designer with focus on usability, modularity and repairability who believes a good product is only one with harmonious form, details and CMF, while keeping the function crisp and clear.



Education

Bachelor of Design - B.Des (Industrial Design)

National Institute of Design - AP

2021 - Current, Andhra Pradesh, India

Professional Experience

BluSim Health Tech

Industrial Design Intern - Aug 2024 - current

Designed enclosures or casings and testing jigs for multiple systems of a product line, from Ideation sketches, to CAD models for prototyping via 3D printing, to Detailing and Assembly and CMF for manufacturing, While providing design ideas and guidelines for upcoming products as a reference to the engineers.

Academic Projects

Enhancing the design of phone mounts for motorcycles.

Product Design - Oct 2024 - Dec 2024 (7 weeks)

Innovating and Improving phone mount designs by considering heating, visibility, safety and vibration dampening at an affordable cost for motorcycles.

Student Interface for NID-AP to enhance and Aid record keeping.

UI/UX Design (Collaborative) - May 2024 - Jun 2024 (7 weeks)

A collaborative project where we designed a system and an interface for students to Digitize manual entry registers, providing quick and easy mode of recordkeeping.

Wireless Bluetooth speaker with modular accessories.

Technically Complex Product design - Sep 2023 - Dec 2023 (7 weeks)

A Bluetooth speaker with various modules providing customizability and upgradability while introducing the concept of modular tech affordably to the average person.

Automatic cable retractor for cable management.

Simple Product design - Apr 2023 - Jun 2023 (7 weeks)

An automatic cable length adjustment device which can retract cables whenever needed keeping them at optimal length to maintain a clutter free desk.

Leadership roles

Finance management for Kaaram (Food club) Sep 2023 - Present

Finance management for Manoradham (Festive event)

Tech team for chitrakatha'23 (Festive event)

ID Placement coordinator 2025 (First official placement cell student coordinator)

Contact

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[Portfolio - nihalkrishna.com](https://nihalkrishna.com)

[LinkedIn - Nihalkrishna N.B.](#)

[Instagram - sketclicks](#)

Skills

Product Design

Rapid Prototyping

Model making

Woodworking & Fabrication (Basics)

3D modeling (CAD/Poly)

3D Rendering

CMF

DFM & DFA

Interaction Design UX and EX

Design Research

Basic Embedded C (Arduino)

Tools

Fusion360

Blender

KeyShot

Figma

Rhino

Adobe Creative suite (photoshop, illustrator, premiere pro, etc).

Interests

3D printing, Photography,

Mechanics, Automobiles,

DIY, Manufacturing,

Tinkering, Cooking.

Languages

English

Kannada

Telugu

Hindi

Talks

Radiowada - Talk on modularity