

NEHI MODI

Product Designer | Design Innovator | Problem Solver

Career Objective

I approach product design as a hands-on discipline for addressing real-world challenges and improving everyday experiences. I aim to develop thoughtful, functional solutions grounded in user needs and practical contexts that create meaningful and lasting impact.

91+ 9000795956

nehim.design@gmail.com

Nehi Modi

Portfolio

Education

- Bachelor of Design (Product Design)
  MIT WPU, Pune
  Expected Graduation: June 2027
  CGPA: 9.06

- Senior Secondary
  Delhi Public School, Hyderabad
  2021-2023
  Percentage: 92%

Languages

	Reading	*Speaking*	*Writing*
English	●	●	●
Hindi	●	●	●
Gujarati		●	
Marathi	●	●	
Telugu		●	
French (B1 Level)	●	●	●

Research & Project Experience

Ultrasonic Cleaning Device
March 2026 - Present

- Researched ultrasonic cleaning technology, studying cavitation, frequency behavior, and effectiveness across different utensils and contaminants.
- Conducted hands-on testing to evaluate cleaning cycles, time efficiency, and performance across varied materials and use cases.
- Designed an ultrasonic utensil cleaning system for urban Indian kitchens, simplifying cleaning of intricate tools while reducing manual effort and contact with waste.

Chitosan Material Research
March 2025 - Present

Product Design x Chemistry

- Conducted experimental research on the bioactive polymer chitosan to develop moisture-resistant, sustainable food packaging, including solution preparation, film casting, and material testing.
- Evaluated barrier properties and developed prototype packaging concepts integrating material behavior with product design.
- Collaborated with faculty and design researchers to explore material–product integration.

Traffic Systems Design
October 2025 - December 2025

- Analyzed traffic systems through a human-centered lens, studying driver behavior, decision-making, and psychological factors influencing road interactions.
- Explored merging strategies, attention, perception, and congestion to identify inefficiencies in traffic flow and urban mobility.
- Developed a design solution proposing improved traffic interaction systems (e.g., optimized merging/communication cues) to enhance flow, safety, and user experience.

HACK MITWPU Ideathon
March 2025

• Collaborated with a cross-disciplinary team in a university hackathon to design a user-focused book rental platform improving accessibility and affordability.

• Created user workflows for book swapping and community-based exchanges while solving design challenges under tight timelines.

• Delivered a functional concept through effective teamwork and problem-solving.

Interests

- Team Sports
- Learning New Skills & Languages
- Psychology & Human Behavior
- Community Service & Animal Welfare
- Reading
- Event Planning & Social Coordination
- Public Speaking & Presentation
- Theatre & Dramatic Performance

Certifications

- Autodesk Fusion 360 (Year 2025) - Complete Beginners Guide
- Conduct UX Research and Test Early Concepts - Google
- Build Wireframes and Low-Fidelity Prototypes - Google
- UX Design Process - Google
- Crafts and Design Academic Module by Indian Institute of Crafts and Design, Jaipur

Reference

Available on request

Skills

Core Competencies

Communication, Collaboration & teamwork, Adaptability, Attention to detail, Openness to feedback, Presentation & storytelling

Design Skills

Human-Centered Problem Solving, User Research & Empathetic Engagement, Collaborative Design Facilitation, Insight-Driven Concept Development, Rapid Prototyping (Physical), Material & Form Exploration

Design Tools



Achievements and Awards

Leadership

Served as School Head Girl and Class Representative at University for three consecutive academic years.

Awards

- 1st Place in Elocution (Atomic Minerals Directorate for Exploration and Research).
- 2nd Place in Product Design at the University.
- 1st Runner-up in the City Level NSE FUNancial Quest Quiz.
- 4th Place in the 9th International French Spell Bee.

Social Impact

- Raised ₹21,000 as a crowdfunder for the Muskurahat Foundation to support underprivileged orphans.
- Regular contributor to the Indian Developmental Foundation for social causes.

Rigved Uptown, Sai Canary New Rd, Balewadi, Pune,Maharashtra 411045