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Summary

Industrial Design professional specialising in Product Design & Innovation, R&D, Transportation Design. Highly Proficient in Product Sketching/Visualisation, 3D modelling using industry-leading software and Prototyping with a combined experience of more than 3 years.

Previously worked with A.O. Smith India, to develop designs for water heaters and purifiers (FMEG), two of which were developed, manufactured & launched pan India. Collaborated with Havells India to innovate and design a new kitchen appliance for the Indian market. Worked as a Lead Designer at Mauz Tech India to develop a privacy/data security/storage hardware device. Currently working as a Project Associate (Transportation Design) at IIT Bombay as Boat Designer and Systems Planner for Houseboats.

Experience



Project Associate

Indian Institute of Technology, Bombay

Jan 2024 - Present (4 months)

Project Associate (Transportation Designer) - Boat Design & Systems Planning for Houseboats.

Key responsibilities include translating research & development of concepts/solutions into scale ready virtual and physical 3D models.

Preparing layouts and designs (above hull) keeping in mind boat configuration, interior/exterior appeal & client experience/satisfaction.

Architecting usability and assembly of design infrastructure - from making to deployment.



Lead Product Designer

MAUZ.TECH

Jun 2023 - Jan 2024 (8 months)

Lead Product Developer & Designer

Designed a wireless mouse that combined private data security & storage. Developed designs to accommodate & support unconventional hardware, creating unique impressions via form and consumer experiences.



8th Semester Company Collaboration

Havells India Ltd

Feb 2023 - May 2023 (4 months)

Collaborative Company Project for 8th Semester - Innovating applications and benchmarks for a new pan-India electric kitchen appliance. Market/competitor research to pinpoint solution sets & areas of intervention. Designed and developed configurations in usability, design and manufacturability. Scale & efficacy testing using physical prototypes.



Industrial Design Summer Intern

A. O. Smith Corporation

Jun 2022 - Jul 2022 (2 months)

Designed for India: launched December 2023.

[1] EWS Instant water heater - 03 litre

[2] Elegance Prime Storage water heater (vertical & horizontal) - 10 litre

Key responsibilities involved developing multiple new designs for upcoming water heater and purifier products considering manufacturing compatibility and competitor benchmarks. Redesigned existing products for upgraded technologies and aesthetics. Multiple deliverables were selected as potential designs for India and other Asian markets, out of which two were manufactured and have been launched in the Indian market.



Product Developer & Designer

Antara Education

Jul 2021 - Dec 2022 (1 year 6 months)

Designed and Developed 3D printable puzzle models for science kits provided to underprivileged students under 16 years of age. Models highlighted various scientific concepts and described their working through joineries & interactive pieces. The design was affordable, focused on GMP as well as safety and immersive interaction for the target age group. Designed user maps for the developed products highlighting concepts and its working, packaging of the kit and brand identity.

Packaging Design and Branding

KWANZ Hygiene Foods Pvt. Ltd

Jan 2022 - Feb 2022 (2 months)

Designing Packaging and Branding for various-sized Saffron Spice glass containers. Creating a Brand Identity for current & prospective products in accordance with the user group of a specific region.

Business System-Service Designer

Upward Spiral Consulting Pvt.Ltd

Mar 2021 - Jun 2021 (4 months)

Upward Spiral is a organisation focused on designing behaviour change programs to create social impact.

A Mascot and Brochure was Designed for this NGO spreading sanitation awareness in rural India.

Designing charts/diagrams for rural inhibitors describing the decomposition of waste in septic tanks and convincing them to take a step towards better sanitation.



Packaging Design and Branding

Boiling Point Communications (P) Ltd

May 2021 - Jul 2021 (3 months)

Packaging design and Branding for cocktail mixing drinks. Illustrating mascots for 7 various flavours as stickers for glass bottles.

Education

Srishti Manipal Institute of Art, Design and Technology

Bachelor of Design (B.Des), Bangalore University, Industrial and Product Design
2019 - 2023
College Education

DG Khetan International

University of Cambridge - A Levels, Physics, Mechanics, Chemistry, Pure/Statistical
Mathematics, English
2017 - 2019
Higher Secondary Education

Gundecha Education Academy

University of Cambridge - IGCSE, Physics, Chemistry, Biology, Mathematics,
Economics, Business Studies, English, Hindi
2013 - 2017
Primary & Secondary Education

Skills

Industrial Design • Product Development • Transportation Design • Fast-Moving Electronic Goods (FMEG) • Competitive Analysis • Advanced Prototyping • Rhino 3D • Keyshot • SOLIDWORKS • Adobe Creative Suite

Honors & Awards

Bengaluru Design Week - World Design Organization

Dec 2022

7th Semester Pre- Thesis Transportation project on Micro Mobility; the working prototype of my designed Electric Micro Transit (Pre-Thesis) vehicle was presented for Srishti Institute of Art, Design & Technology at the Bengaluru Design Festival Conference 2022.