

Harsh P

Product Designer | UI/UX, Industrial Design, Front-end

Bangalore, India | hpj675@gmail.com | Portfolio: dznbrewz.pages.dev

LinkedIn: linkedin.com/in/lsh-harsh | Behance: behance.net/lsh-harsh

Summary

Product designer with an electronics engineering background, working across UI/UX design, industrial design and front-end development. M.Des in Electronic Product Design from IIT Guwahati. Currently a Design Engineer at Svayou AI, Bangalore.

Skills

UI/UX Design: User Research, Usability Testing, Information Architecture, User Flows, Wireframing, Prototyping, Figma, Design Systems, Responsive Design

Industrial Design: Rhino, SolidWorks, Fusion 360, KeyShot, CAD, CMF, Ergonomics, DFM, FEA, Rapid Prototyping, 3D Printing

Front-end: HTML, CSS, JavaScript, TypeScript, React, Tailwind CSS, Three.js, GSAP, Git

Hardware: Arduino, ESP32, Raspberry Pi, Sensors, Sensor Fusion, Embedded Prototyping

Tools: Adobe Creative Cloud, Blender, Miro, Notion; AI tools: Claude, Cursor, ComfyUI

Experience

Design Engineer

02/2026 - Present

Svayou AI, Bangalore, India

- Design user flows, wireframes and high-fidelity UI in Figma, and build the screens as React components.
- Set up and maintain a small design system: design tokens for colour and type, reusable form components and layout rules.
- Reworked the information architecture of the website so patients can find services by need instead of by department.

Teaching Assistant, Department of Design

08/2023 - 06/2025

Indian Institute of Technology (IIT) Guwahati, Guwahati, India

- Supported interaction design and prototyping courses: tutorials, student project reviews and workshops.

Designer and Software Developer

04/2022 - 03/2023

Klaritree (EdTech), Bangalore, India

- Designed and built screens for a multilingual learning app for children, from Figma mockups to a React front end.

Projects

Aqua Nova: firefighting nozzle (industrial design)

2023

A nozzle concept that reduces the backforce firefighters have to hold. Field research in firefighter training; lattice sleeve studied with FEA in nTop and SolidWorks; prototyped as a retrofit on a standard nozzle.

Projected Reality: handheld learning device (M.Des thesis)

2025

A handheld device for teaching astronomy to children. User research in schools and usability testing with children; built with an ESP32, motion sensors and 3D-printed handle prototypes.

Wascape: 3D places in the browser (personal project, wascape.com)

2026

Built and launched solo; reached roughly 500K+ users in under a month. A web app that turns videos of real places into 3D scenes you can walk around in the browser, using Gaussian splatting, JavaScript and Three.js (WebGL).

Education

Master of Design (M.Des), Electronic Product Design

07/2023 - 06/2025

Indian Institute of Technology (IIT) Guwahati, Guwahati, India. Summer exchange at CIEL Bretagne, Brest, France (2024)

Bachelor of Engineering (B.E.), Electronics and Communication Engineering

07/2018 - 07/2022

Govt. S.K.S.J. Technological Institute (VTU), Bangalore, India

Awards

- iF Design Student Award, Winner, for Zero Brush 2024
- James Dyson Award, National Runner-up (India), for Aqua Nova 2024
- OzCHI Student Design Challenge, Runner-up 2025
- Toyota Logistic Design Competition, Semi-finalist, for ModuleFlow 2026