

Raghupati Lal

Product Designer

Product Designer with 4+ years of experience spanning physical product development, UX design, and design systems, with a track record across enterprise clinical workflows, commercial manufacturing, and multi-stakeholder platforms. Fluent in research-led design from concept through production, with hands-on proficiency in both Figma and Fusion 360. Pursuing a Master of Arts in Design and Innovation at SMU, with a Bachelor of Design Computing and Computer Science from the University of Sydney.

Professional Experiences

Consultant Designer | Dallas Food Plan Collaborative

June 2025 – Present | Dallas TX, USA

Conducted user research, workshops, and stakeholder interviews across a complex multi-organization food systems initiative to identify interaction failures and map user workflows. Translated findings into wireframes, prototypes, and an interactive web tool visualizing over 8,000 organizations, iterating on designs based on ongoing feedback and maintained design system components throughout, resulting in a platform now actively used by the client.

Marketing and Design Associate | WBS Technology

May 2023 – August 2024 | Sydney NSW, AU

Led end-to-end development of the Plexus Gateway router enclosure from concept sketching and Fusion 360 modeling through DFM and 3D-printed prototyping to mass production in injection-molded ABS/polycarbonate, coordinating with internal teams and external manufacturers throughout. Built a design system and visual language for a subsidiary group from scratch, scaling component patterns across digital and print touchpoints, while designing website pages, booklets, and a customer-facing product demo box deployed by the sales team.

Programmer | Eastern Heart Clinic

February 2021 – September 2022 | Sydney NSW, AU

Conducted structured user interviews and surveys with clinical staff to surface usability failures in an outdated data entry system, then led the full redesign and rebuild in Visual Basic. The interface was approved by clinic leadership, adopted by a sister clinic, and delivered measurably faster task completion and fewer errors for daily users.

UX Moderator | Applause UX Testing

November 2021 – February 2022 | Sydney NSW, AU

Moderated structured usability tests across mobile apps and hardware products using interviews, observation, and task analysis to surface interaction failures across diverse user groups. Synthesized findings into written reports and presentations that directly informed product updates and bug resolution for client teams.

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Education

M.A. Design & Innovation

Southern Methodist University, Dallas TX, USA

Aug 2024 – May 2026

B. Design Computing & Computer Science

The University of Sydney, Sydney, NSW, AU

Jan 2019 – Dec 2022

Volunteering

Graphic Designer

The Heartfulness Institute

Jun 2016 – Aug 2024

Skills

Human-Centered Design, User Research, Usability Testing, Journey Mapping, Information Architecture, Interaction Design, Wireframing, Prototyping, Design Systems, Visual Design, Brand Identity, Industrial Design, DFM, 3D Prototyping, Concept Development, Stakeholder Facilitation, Agile Collaboration

Tools

Figma, Figma Make, Fusion 360, Adobe Creative Suite, Claude Code, React, TypeScript