





Sahil Deshpande


User Experience Researcher and Designer

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EDUCATION

Master of Science in Human-Computer Interaction,
Indiana University, Indianapolis
August 2024 – May 2026 | Indianapolis, United States

Bachelor of Technology in Computer Science Engineering,
Indraprastha Institute of Information Technology, Delhi
April 2020 – May 2024 | Delhi, India

PROFESSIONAL EXPERIENCE

Fulcrum GT, Junior Associate - UX

May 2025 – Present | Chicago, United States

- Designed **15+ production-ready screens, wireframes, and prototypes** for an AI-powered planning platform.
- Developed a **scalable, accessible design system** with reusable components to ensure consistency across product teams.
- Collaborated with **PMs, engineers, and stakeholders** to align requirements with user needs and design best practices.
- Presented product concepts in **live demos at ILTACON 2025**, incorporating stakeholder feedback into iterations.

SETH Lab - Indiana University, Graduate Research Assistant

August 2024 – September 2025 | Indianapolis, United States

- Conducted **systematic user research** (50+ studies) to extract design insights for VR environments for children.
- Synthesized **qualitative and quantitative findings** into actionable recommendations for accessibility and inclusion.

Wadhwani AI, UX Research Intern

June 2023 – August 2023 | Delhi, India

- Conducted **user research and usability testing** with healthcare workers to improve adoption of AI tools.
- Designed **visual assets and dashboards** to communicate complex AI predictions clearly.
- Outputs presented at the **G20 Summit**, demonstrating global impact and design clarity.

Living Lab IIITD, Undergraduate Researcher

August 2022 – April 2023

- Conducted **user interviews, surveys, and competitive analysis** across 10+ platforms.
- Identified user pain points and produced **design recommendations** for privacy and trust in digital platforms.
- Documented findings and proposed **design guidelines** for emotional safety and inclusivity.

CERTIFICATES

- Google UX Design Professional Certificate

SKILLS

Design

UX Design • Visual Design • User Flow • Wireframes • Prototyping • Design System • Typography • WCAG

Research

User Interviews • Contextual Inquiry • Usability Testing • A/B Testing • Surveys • Competitive Analysis • Data Analysis

Software

Figma • Photoshop • Adobe XD • HTML • JavaScript • Python • Machine Learning • LLMs • SQL • Git • Jira • Protopie • Cursor • Qualtrics • React • Tailwind

PROJECTS

LegalBot, Conversational Legal Assistant

January 2025 – April 2025

- Designed and tested a **CUI prototype** to simplify access to legal rights.
- Iterated on scripts, flows, and prototypes based on **usability feedback and stakeholder reviews**.

Canvas Learning Management System Redesign

August 2024 – October 2024

- Conducted task analysis, interviews, and usability tests with students and faculty.
- Delivered **15+ redesigned workflows** that improved task success by **117%** and reduced friction by **86%**.
- Documented design rationale and created consistent **UI patterns** for academic workflows.

DiabEase, Effective Diabetes Management using LLMs

January 2024 – May 2024

- Interviewed diabetic users and caregivers, identifying usability challenges in managing chronic conditions.
- Built a **RAG-based conversational prototype** in Python, incorporating **research findings into product requirements**.

PUBLICATIONS

It's a (Mis)match: Practices and Perceptions of University Students about Online Dating, HCI International 2024

June 2024

Shah, E., Rana, A., Shashwat, S., **Deshpande, S.**, & Kaur, S.

NavigAR: Enhancing Localized Space Navigation using Augmented Reality, IEEE VR 2024

29th May 2024

Deshpande, S., Ajith, R., Patel, Y., & Srivastava, A.