Sahil Deshpande — User Experience Researcher and Designer

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📍 Indianapolis, IN, USA

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.