

# Rutika Bangera

Designer

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## EDUCATION

### Master of Science in Human-Computer Interaction

Luddy School of Informatics, Computing, and Engineering, Indiana University Indianapolis, IN

Expected May 2025

3.9 GPA

### Bachelor of Engineering in Computer Engineering

Gujarat Technological University, India

April 2022

## WORK EXPERIENCE

### User Experience Designer (Contract)

Johnson Controls (Exacq Video Management System)

November 2024 - Present

Remote

- Optimize Exacq's search page with AI-powered forensic search to turn raw data from surveillance cameras into insights, primarily through stakeholder interviews, user testing, and collaboration with researchers, engineers, and product managers.
- Executed UX audit and ran 5+ design explorations for the Exacq system's complex workflows to enhance features' discoverability.

### Product Designer

Mozilla (Firefox Browser)

September 2024 - Present

Remote

- Design for user retention and driving increased DAU and MAU for Firefox by conducting user interviews, competitive analysis, and drawing insights from the existing research, with the design and marketing teams.
- Lead design initiatives, analyzing cross-platform browsing habits and underlying motivations for using the Firefox browser, directly informing the design of a year-end campaign to enhance the user experience.

### User Experience Designer

COMET Lab (Research Laboratory)

January 2024 - Present

Indianapolis, IN

- Reduced error rates by 80% by leading the end-to-end redesign of The Polis Center website with a team of three, focusing on information architecture, navigation, and usability.
- Designed high-fidelity wireframes and prototypes for a statewide FSSA Indiana dashboard, providing crucial real-time health insights to improve dementia patient care coordination across 15 healthcare providers.
- Created interactive data visualizations for SAVI.org using Tableau, HTML, CSS, and WordPress, achieving an 82.5% evaluation score for data exploration and interpretation.
- Analyzed 261+ user posts on digital channels and conducted structured user interviews, influencing advancements in AI chatbot accessibility with a focus on neurodiverse individuals' needs.

### Founding User Experience Designer

TST Technology (B2B Startup)

January 2022 - June 2023

Ahmedabad, India

- Increased user engagement by 15% by directing the design of learning modules and a design system for StockPe, an EdTech mobile app, incorporating gamified elements and interactive user scenarios.
- Shipped a comprehensive Hotel Management System, collaborating with cross-functional teams to onboard over 100 hotels, driving notable growth in customer engagement and acquisition.
- Reduced design-development iterations by 50% and improved overall project deadlines by establishing a design handoff process to streamline collaboration between the design and development teams.

## SKILLS

**Product and UX:** Visual Design, Interaction Design, Wireframing, Prototyping, Design Thinking, Systems Thinking, User Testing, Responsive Design, User Research, Design Strategy, Stakeholder Management, Critical User Journey, Storyboarding, Survey Design, Data Analysis

**Tools:** Figma, Adobe XD, Illustrator, Photoshop, Sketch, Principle, Miro, Framer, Qualtrics, HTML5, CSS3, WordPress, Google Workspace

## ACHIEVEMENTS

**Grow with Google:** UX Design Certificate

**Featured Research:** Addressing Systemic Barriers to Reduce Food Insecurity | [AgriNovus Indiana HungerTech Challenge](#)

**Data Visualization Competition Winner:** Life Expectancy Calculations Quantifying Community Vitality | COMET Lab