

Shyama Prasad Dash

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EDUCATION

Indiana University Indianapolis <i>Master of Science, Human Computer Interaction</i>	Jan 2025 - Dec 2026 GPA: 4.00/4.00
Veer Surendra Sai University of Technology <i>Bachelor of Technology, Electronics and Telecommunication Engineering</i>	Aug 2017 - Jul 2021 GPA: 7.55/10.00

EXPERIENCE

UX Research Intern MathWorks, Natick, MA	May 2026 - Present
- Designed and executed the first structured agentic usability evaluation on the sensor fusion and tracking toolbox, evaluating 19 end-to-end workflows using a severity framework. Identified a critical API discoverability gap across 12 of 12 eligible workflows and delivered prioritized skill candidates with a delta measurement framework to inform agentic experience design. - Conducted end-to-end mixed-methods UX research for a net-new sensor data import feature, conducting 5 contextual interviews with defense engineers and national lab researchers and analyzing support tickets and engagement reports, synthesizing findings into a 28-requirement evidence matrix, workflow swimlanes, and design principles that directly shaped the product specification. - Led usability study design for a foundational product rewrite, defining task scenarios, screener criteria, and recruiting strategy in collaboration with engineering and UX leads across a 7-week timeline. - Identified a recurring pattern of users abandoning the existing toolbox workflow entirely in favor of custom scripts, reframing the core product risk from a usability issue to an abandonment problem and directly influencing feature scope.	
Graduate Assistant Graduate School, Indiana University Indianapolis, Indianapolis, IN	May 2025 - Present
- Managed user experience, program communications, event logistics, and stakeholder coordination across 8+ graduate development initiatives serving 500+ students annually. - Redesigned the user experience for the Preparing Future Faculty & Professionals program, driving a 54% YoY enrollment increase.	
Consultant Deloitte USI, Hyderabad, India	Apr 2024 - Nov 2024
- Led discovery workshops, workflow analysis, and persona mapping across Fortune 500 fintech implementations, contributing to \$5M+ in project value and 45-80% reduction in month-end processing time. - Prototyped ESG reporting and GPT-4 AI integration solutions in Figma for enterprise performance management systems, achieving 75% reduction in time to insight.	
Analyst Deloitte USI, Hyderabad, India	Sep 2021 - Apr 2024
- Conducted requirement gathering, workflow analysis, and Oracle EPM technical configurations across 5 multi-national companies, translating business requirements into technical solution design. - Designed and delivered Power BI dashboards that simplified workforce capability monitoring and improved new employee skill adoption rate by 28%.	

ACADEMIC RESEARCH

Qualitative UX Researcher STEW Lab, Indiana University Indianapolis, Indianapolis, IN	Aug 2025 - Present
Conducted IRB-approved mixed-methods research on young adults' use of LLMs for mental health support, leading 23 contextual interviews and 5 co-design workshops; first-authored short paper accepted at CSCW 2026, follow-on full paper in progress.	
UX Researcher Nest, Indiana University Indianapolis, Indianapolis, IN	Jan 2025 - Apr 2025
Conducted 30 user interviews and 15 task-based usability sessions for a student personal finance app, producing personas, journey maps, and iterative prototypes achieving 100% task success rate and 29% increase in user satisfaction.	

SKILLS

Research: User Interviews, Usability Testing, Workflow Mapping, Contextual Inquiry, Co-design Workshops, IRB Protocol Design, Thematic Analysis, Affinity Mapping, Personas, Journey Mapping, Competitive Analysis, Requirements Analysis, Research Operations
Design: Storyboarding, Information Architecture, Wireframing, Prototyping, Visual Design, Design Systems, Design Documentation
Tools: Figma, Adobe XD, Miro, Notion, Jira, Power BI, Qualtrics, Illustrator, Photoshop, Claude Code
Technical: Python, JavaScript, SQL, HTML/CSS, REST API, Data Analysis

CERTIFICATIONS

Social/Behavioral Researchers, CITI Program	Aug 2025
Foundations of UX Design, Google	May 2024
Certified Implementation Specialist, Oracle	Mar 2024

LEADERSHIP AND RECOGNITIONS

2nd Prize, Protothon 2026 Hackathon, DubsTech: Awarded for outstanding presentation and design fidelity	May 2026
9 Spot Awards, 1 Applause Award, and GEM Award, Deloitte: Awarded for delivery excellence and design	Sep 2021 - Nov 2024
Student Leadership: President, IU Design Coterie; Coordinator of Design, IU Regatta 2025; Coordinator, TEDxVSSUT and LiveGen; Head of Design, PIXELS; Creative Head, Quizzine; Lead Designer, Vassaunt 2020	