

SHWETHA BERTILLA

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Summary

An inquisitive Software Engineer turned UI/UX Designer with around 2 years of experience in both fields currently pursuing my MS in Human Computer Interaction dedicated to creating seamless digital experiences to deliver more effective UX design solutions by combining my expertise in development and design that cater to diverse user needs.

Education

Indiana University, Indianapolis, Indiana

Aug 2024 – May 2026

Master of Science in Human Computer Interaction

St. Joseph's College of Engineering, Chennai, India

Aug 2018 – May 2022

Bachelor of Engineering in Electronics and Communication Engineering

Experience

Accenture

Oct 2022 – July 2024

UI/UX Designer

Chennai, India

- Created 50+ low-fidelity wireframes and high-fidelity mockups to visualize design concepts and user interfaces.
- Worked closely with senior designers and cross-functional teams to ensuring 95% alignment between design specifications and product implementation.
- Facilitated 10 usability testing sessions to identify pain points that led to a 20% improvement in task completion rates and overall user satisfaction.
- Assisted in documenting design processes, user flows, and design decisions to ensure clear communication and reducing project turnaround times by 15%.

Thinkroman

Oct 2022 – Mar 2023

UI/UX Design Intern

Chennai, India

- Analyzed user data from 10+ doctors and patients, prioritizing key features that improved usability by 30%.
- Created 10+ wireframes and high-fidelity prototypes, increasing patient engagement by 20%.

Ricoz

Jun 2023 – Sep 2023

UI/UX Design Intern

Remote, India

- Designed finance and D2C websites for clients by delivering 30+ wireframes and prototypes.
- Completed all parts of the design process from research to high fidelity prototypes with hand off document.

Projects

Online Doctor Appointment App, Thinkroman | *Figma, Adobe XD*

Oct 2022 – Mar 2023

- Developed an accessible and affordable doctor portal to provide quality care and save patients' time.
- Conducted user research and created personas to understand the needs of physicians, nurses, and patients.
- Designed interactive prototypes and a visually cohesive interface with layout, color schemes, typography, and graphics.

A Residual Network for classification of spatial remote sensing data | *Python, CNN*

Nov 2021 – Jan 2022

- Addressed vanishing/expanding gradients with a hybrid residual network using Resnet and skip connections to improve feature extraction and categorization.
- Utilized Google Colab to create and train a CNN model for image classification.
- Employed Python for model training and evaluation, effectively handling large datasets.

Technical Skills

Design Skills: User Interface Design, Heuristic Analysis, User Testing, Prototyping, Wireframing, User Research, Empathy Maps, Affinity Diagram, Competitive Analysis

Programming Skills: Java, Python, HTML, CSS, Javascript, SQL

Software: Figma, Adobe XD, Adobe Illustrator, Adobe Photoshop, Sketch

Certifications

Google UX Design Professional Certification

Coursera Introduction to User experience Certification, Georgia Institute of Technology

Coursera Innovation through Design Certification, University of Sydney

Digital skills-User Experience Certification, Accenture