

EDUCATION

MS in Human-Computer Interaction

Luddy School of Informatics, Computing & Engineering (Fall23)

August 2023 - May 2025 (expected)

BTech in Computer Science and Engineering

Prasad V Potluri Siddhartha Institution of Technology (GPA: 7.0)

August 2019 - May 2023

Related Coursework: Computer-Aided Design, Innovative Product Design and Development, Software Testing & Statistical quality control

SKILLS

• **Design tools:** Figma, Adobe XD, Sketch

• **Storyboarding tool:** Storyboard That

• **Prototyping tool:** Balsamiq

• **Modeling tool:** Solid Edge/Solid Works

UX Research: Competitive research, User interviews, Participant recruitment and scheduling, User research, Think-aloud strategy, Heuristic evaluation, Usability testing through task analysis and System Usability Scale reports

UX Design: Brainstorming, Empathy mapping, Affinity diagramming, User personas, Storyboarding, Diagramming, Wireframing, Design systems and Style guides, Graphic design, Interaction design, Visual design, Low and High fidelity Prototyping

INTERNSHIP EXPERIENCE AND POSITION OF RESPONSIBILITY

Aws Internship

October 2021 - January 2022

• I had completed AWS virtual internship which was organized by amazon.

Team leader for the app interaction module based project in the collage

March 2022 - September 2022

• Experienced and driven team leader adept at spearheading app interaction module projects within a collegiate environment. Leveraging strong interpersonal and communication skills to foster collaboration among team members, ensuring seamless coordination and efficient execution.

Student Coordinator for INTERN branch of IIC-Club in PVPSIT.

March 2022 - February 2023

• Dedicated Student Coordinator at PVPSIT's IIC-Club, driving dynamic engagement and fostering innovation within the INTERN branch. Proficiently organizing and orchestrating diverse events, workshops, and initiatives to empower fellow students with real-world skills and industry exposure.

Projects

WhatsApp Re-Design

Spring 2023

End-to-end WhatsApp redesign for New Generation.

- Documented a list of pain points for job applicants by conducting user interviews and field research.
- Provided solutions to facilitate an equitable system by eliminating language barriers and creating a feedback system for jobs posted.
- Incorporated assistive technologies to aid applicants to interface through voice messages and SMS.

Work App to Schedule Work.

Spring 2022

Designed an application on Figma, with the MVP to track an individual's Work schedule on a regular basis to address the Challenge under the 'Prepared for Environmental Change' category.

- Generated two personas with their associated pain points using Affinity and Empathy Mapping for the data obtained through existing research, interviews and observations.
- Orchestrated the storyboarding sessions and arrived at three potential solutions for both personas.
- Developed a design system and high-fidelity prototypes on Figma using wireframes and low-fidelity screens created on Balsamiq.

Pneumonia and Tuberculosis Detection using chest x-ray App

January 2023

The Minimum Viable Product (MVP) of the application is to report animal incidents observed on a regular basis effectively. Other features of the application include adoptions, ambulance services, and vaccination camps.

- Conducted user interviews to obtain pain points, developed two personas, and carried out competitive research to evaluate the current methods in place for animal welfare.
- Designed wireframes, low and high-fidelity prototypes in Figma to facilitate streamlined communication between shelters and civilians.

Suspension-based truck weighing system

August 2022

• Interviewed truck drivers to inspect time delays at weighing stations and proposed a novel solution by constructing a prototype that displays the truck's load in real-time using strain gauges, hence avoiding supply chain delays.

CERTIFICATIONS

• **Google UX Design professional certification**, Coursera.

• Certified in **web application development and mobile application development**

• Completed **Java** test organized by **Spoken Tutorial Project, IIT Bombay**.

• Completed **RDBMS PostgreSQL** test organized by **Spoken Tutorial Project, IIT Bombay**.