

Manasi Vipat

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EDUCATION

The University of Texas at Dallas

Bachelor of Science, Computer Science

May 2025

GPA: 3.57

CERTIFICATIONS AND TECHNICAL SKILL EXPERIENCE

Certifications: MTA – Software Development Fundamentals (2019), KodeKloud – JSON Path (2022)
Languages: Java, C++, HTML, CSS, JavaScript, Dart, JSX, Python, C#
Frameworks & Applications: React.js, Node.js, Figma, Flutter, Android Studio, Firebase, AWS

PERSONAL PROJECTS

Women Mentoring Women in Engineering (WMWE) Website, Full-Stack Website Developer

Technologies used: React.js, Node.js, Figma + Wireframing, Firebase

June 2022 – Present

- Utilized **Figma** to design **high-fidelity wireframes** for a comprehensive redesign of the WMWE website, enhancing visual consistency and brand recognition across platforms
- Developed interactive pages** using React.js/Node.js, implementing **responsive design elements** on the 'About Us' page and footer
- Developed an **initial prototype** of the login, sign-up, and forgot password pages for the WMWE portal, and **tested compatibility with Firebase** for user authentication and data management on the website.
- Worked closely with a team of developers to continually improve and streamline the user experience of the WMWE website, **effectively communicating and integrating feedback** and suggestions to ensure an intuitive interface

MyMuse, Front-End Developer

Technologies used: Flutter, Figma + Wireframing, Firebase, Apple iTunes API

September 2022 – November 2022

- Successfully completed the Association for Computing Machinery's selective app development program, honing skills in **software development** and **project management** (admittance rate: 5%)
- Created visually appealing and user-friendly **high-fidelity wireframes** for a music/social media app, utilizing industry conventions and best practices, and implemented partial user flow
- Proficient in **Flutter**, successfully coding the loading screen, navigation bar, add and request friends page, and user profile page for the app
- Collaborated with developers to iterate and **refine the app's design and functionality**, effectively communicating and incorporating ideas and feedback to assure a seamless user experience

Bankwise, UI/UX Designer

Technologies used: Figma, React Native, Capital One API

November 2022 – November 2022

- Won **Best Design** at HackUTD IX (3rd largest hackathon in the U.S) out of **191 teams** and **1,000+ participants**
- Designed and developed an app that **aggregates financial data** from multiple bank accounts into a single platform
- Created **high-fidelity wireframes** using **Figma** and performed **user research** to validate prototype functionality
- Worked closely with front-end and backend developers to **optimize user experience and flow**

EXTRACURRICULARS AND LEADERSHIP EXPERIENCE

User Experience Club, Designer

June 2022 – Present

- Designed social media content, resulting in an increase in website traffic and engagement, with **over 2,800 unique visitors across multiple platforms**
- Collaborated with the UX Club team to **coordinate and facilitate various events** related to UX including the largest design challenge at UTD, attracting a high attendance of **100+ students** at each event and **150+ participants** in the design challenge
- Presented on advanced UX concepts** to a large audience during a high-profile event of the semester

Association for Computing Machinery, Industry Coordinator

May 2022 – Present

- Facilitated connections between students and companies through ACM Industry, resulting in a **29% increase in sponsorship**
- Enabled students to gain insight into company culture and operations through **hosting events**
- Maintained positive relationships with company sponsors** as the point of contact for ACM Industry, leading to successful event collaborations and a **continued partnership**

Women Mentoring Women in Engineering, Marketing Committee Member

December 2021 – Present

- Utilized design and software expertise to create and execute promotional materials for events led by companies and social events, **increasing unique engagement percentages by 22%**
- Developed and designed merchandise**, including stickers and shirts, to increase brand awareness and engagement
- Initiated and managed the creation of the first WMWE newsletter, streamlining the process through project management and technical skills to efficiently gather information and assemble it each month and increasing **number of active readers by 56%**