Manasi Vipat

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EDUCATION

The University of Texas at Dallas   December 2024
Bachelor of Science, Computer Science   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, Git, Flutter, Android Studio, Firebase, AWS
Relevant Coursework: Data Structures & Algorithms, Systems Programming in UNIX & Other Environments, Computer Architecture, Computer Science I & II (C++, Java), Discrete Mathematics I & II

WORK EXPERIENCE

Cvent, *Incoming Product Design Intern*   May 2023 – August 2023

PROJECT EXPERIENCE

Women Mentoring Women in Engineering (WMWE) Website, *Full-Stack Website Developer*   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 4+ platforms**
- **Coded pages** using **React.js/Node.js**, implementing **5+ 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 of **over 100 members** 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** between 14 officers and suggestions to ensure an intuitive interface

MyMuse, *Front-End Developer*   September 2022 – November 2022
- Developed a social media platform allowing users to share their "song of the day" under the Association for Computing Machinery's selective app development program, honing skills in **software development** and **project management** (admittance rate: 5%)
- Created **10+ high-fidelity wireframes** using Figma, utilizing **industry conventions** and **implemented user flow**
- Successfully coded the loading screen, navigation bar, add and request friends page, and user profile page in **Flutter**
- Collaborated with 5 developers to iterate and **refine the app's design and functionality**, integrating front-end systems with **Firebase** for user authentication and the **Apple iTunes API** for MyMuse's primary functionality

Bankwise, *UI/UX Designer*   November 2022
- Won **Best Design** at HackUTD IX (3rd largest hackathon in the U.S) out of **191 teams** and **1,000+ participants**
- Pioneered 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
- **Collaborated with a team** of 3 front-end and backend developers to **optimize user experience and flow**, utilizing **React Native** to integrate front-end functionality with data collected from the **Capital One API**

LEADERSHIP EXPERIENCE

User Experience Club, *Designer*   June 2022 – Present
- Designed social media content, resulting in an increase in website traffic with **over 2,800 unique visitors across 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

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**
- **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%**
- 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%**