

User Experience Designer & Researcher

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Receipient of Merit Scholarship for all years.

- Conducting a Research Study on Microsoft Word Ribbon Simplification.
- Research on reading and text comprehension for People with Dyslexia.
- Curating accessibility strategies and how to implement the strategies for the GPII DeveloperSpace MasterList.
- Developed two-factor authentication systems suited for use by people with disabilities for the Global Public Inclusive Infrastructure.
- Conducted research on how effective social activities are towards longevity of people with disabilities and the older generation in general.
- Developed a prototype of a keypad(including most common actions of keyboard) for people with motor disabilities using HIDMacros.

- Redesigned the homepage and login experiences of the 3DContentCentral website.
- Performed User Research for upcoming products and facilitated Usability Tests for xDesign and analysed results.
- Conducted accessibility audits and wrote Accessibility Conformance Reports(VPAT v2.1) for SolidWorks Web Products: SolidWorks, MySolidWorks, AppsForKids and 3DContentCentral.
- Authored a Web Accessibility checklist for future projects to be adhered to in the product or feature design phase.
- Improved readability of user interaction pages and suggested measures for accessible designs for MySolidWorks.

- Gathered business requirements based on interactions with clients on a daily basis.
- Performed user **need-finding** analysis, conducted interviews and surveys to identify issues faced by the clients.
- Introduced design level changes on the flagship software T24 to provide better user experience and support.

Working as an Information Architect on the year long Capstone project on redesigning the website interface to improve discovery and findability of resources and collections. Conducted 20 contextual inquiries and had interpretations sessions to analyse the data collected.

Designed an interface to support those who require a little more assistance using the computer - especially those who are just starting out with the computer, afraid of using the computer, or finding the computer complicated to use. - Designing for Accessibility

Worked in a team of 4 to conduct field testing sessions using UserZoom, compile usability issues, and provide recommendations to improve the usability of the web application.

Focus Groups

UserZoom

POP

Autodesk Fusion 360

D3.js

Giri, V. S. S. (2010).