Thanvin Giridhar

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Experience

Senior UX Designer · Myant Health, Toronto, ON   **Feb 2022 – Present**

- Developing solutions for a Software as a Medical Device (SaMD) that relays biometrics captured by Myant's wearable tech to care providers, to improve the outcomes of those at risk or living with cardiovascular conditions

- Orchestrated usability studies to evaluate design against IEC 62366-1 guidelines, which was integral to Health Canada Class II Medical Device clearance (MDALL 109776), successful FDA Class II Medical Device submission, and service launch to over 2,500 patients (over a 6-month period) and counting

- Incorporating research findings with continuous inputs from product, data science, software, regulatory, and commercialization teams to develop user-centric designs following Agile principles

- Co-managing a team of 5 designers, and continuing development of company's UX maturity by advocating for user research and validation, promoting best practices, revising team SOP, and hosting design reviews

- Authoring design control documentation such as usability specs, risk-hazard analysis, instructions for use, usability testing reports, in compliance with QMS processes to ensure traceability and safe use of system for end users

User Experience Lead · Abode Atlas Technologies Inc., Toronto, ON   **May – Oct 2021 · 6mo contract**

- Led end-to-end UX development of a web service that enables homeowners and housing professionals to assess a property's potential for additional living units in compliance with municipal regulations

- Derived actionable insights from 80 hours of stakeholder and user engagement to inform design direction

- Designed protocols for remote moderated usability testing and streamlined screening questions to recruit 41 participants from target demographics with relevant lived experiences

- Collaborated with developers to successfully produce functional proof-of-concept (TRL 7) within 2 months

- Pitched product to establish collaborative relationships with 8 major municipalities across 4 provinces

Medical Media Designer · Perimeter Medical Imaging, Toronto, ON   **Jan 2017 – Jan 2020 · 3y 1mo**

- Produced animations and illustrations critical to bringing OTIS™ and proprietary AI technology to market

- Visuals were integral to 2 successful FDA clearances, training clinicians at 5 renown North American hospitals on system user flows, and marketing at over 12 medical conferences and trade shows

- Established rapport with executives, clinical, and engineering teams to ensure content aligned with strategy

Education

MedicalDeviceHQ.com (online training)   **2023**

- Deep dive into topics related to Design Control for medical devices such as requirements writing, risk management, usability engineering, design planning, review, outputs, and transfer, verification and validation, and change control

Bachelor of Science · University of Toronto, St. George campus, Toronto, ON   **2012 – 2016**

- Programs of study focused on health and diseases, physiology, and immunology

Skills

Research and testing: A/B testing, Card sorting, Contextual inquiry, Diary studies, Field studies, Remote moderated testing, Surveys, Unmoderated testing, Usability testing

Visual: Wireframing, Prototyping, Vector design, Design system, Responsive web design, 2D & 3D animation, Photography

Tools: Figma, Miro, Jira, Confluence, Trello, Usertesting.com, EnjoyHQ, Maze, HTML, CSS, Qualtrics, Google Forms, Illustrator, After Effects, Photoshop, Google Workspace, Microsoft Office, Smartsheet, Autodesk Maya