M Manikandan Kandadai Venkatesh

Product Designer | Interaction Designer

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EXPERIENCE

UX DESIGN CONSULTANT
Technology Transfer
University of Michigan
(Jun 2017 - Present)

- Took the lead on project scoping and stakeholder communication with UM Hospital's Neonatal Intensive Care Unit (NICU) facility.
- Designed wireframes and graphics by leveraging user research.
- The designed dashboard was 50% more efficient in delivering low growth rates than previously available solution at the facility.

PRODUCT DESIGN INTERN
School of Information
University of Michigan
(April 2017 - Present)

- Conducted UX Research and rapidly prototyped a distributed system to implement enhanced usable privacy in voice based smart assistants.
- The proposed system is currently being evaluated via user testing.

DESIGN CONSULTANT
IT Research and Advocacy
University of Michigan
(Sept 2016 - Jan 2017)

- Conducted participatory and exploratory design with a Professor of comparative literature at UM to prototype an interactive web based novel.
- Supported web development and deployment for LSA IT Department.

CYBER SECURITY CONSULTANT
Ernst and Young LLP
Chennai, IN
(July 2014 - July 2016)

- Conducted interviews, Task analysis, Card sorting and usability evaluation to develop a tool for Internal Audit Practioner's which increased efficiency by 75%.
- As a consultant, handled client relationships and communication.
- As a cyber-security analyst, performed penetration testing activities for Indian and Latin American Clients.

SELECTED PROJECTS

SMARTER ALEXA
Product Designer

- Employed UX research and design methodologies to prototype and evaluate a smarter voice assistant with granular privacy controls.

RAKSHAA
Product Designer

- Leveraging user interviews, participatory design, usability evaluation and other UX techniques to design a mobile app that supports women in India be safer on streets.

KALIMBA PHONE
Interaction Designer

- Designed an instrument module attached to smartphones as an exploratory design for perception and tangible interactions.

EDUCATION

Master of Science
University of Michigan
*(Grad. April 2018)

- Master of Scienece in Information with a focus on Human-Computer Interaction (HCI) and Social Computing.

Bachelor of Technology
B.S.A University
(Grad. Oct 2014)

- Bachelor of Technology in Electronics and Communication Engineering with a major in engineering interactive interfaces.

DESIGN TOOLKIT

DESIGN SOFTWARE

- Adobe Photoshop, Illustrator, Sketch, Balsamiq, Fusion 360 (3D)

PROTOTYPING

- Framer Studio, Adobe XD, Proto.io, Arduino, Digital Fabrication techniques, Node.js, HTML, CSS, Java script, Python