Manikandan
Kandadai Venkatesh
Product Designer | Interaction Designer

WEBSITE
www.kvmani.com

MOBILE
+1(734) 846-1196

EMAIL
kvmani@umich.edu

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 will be demonstrated at the Data Transparency Lab at Barcelona, Spain in December.

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

ALEXA-PRIV
Experimental Designer
(Research, Design & Dev)

- Modeled a study design for enhanced privacy and user experience in smart speakers such as Amazon Alexa and Google Home by following Experimental Design process.

RAKSHAA
Interaction Designer
(Mobile App design)

- 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.

STIL
Product Designer
(Hardware Prototype)

- Designed, prototyped and evaluated a wearable device for panic attack sufferers using market research, forecasting, and UX methodologies. The product was then sold virtually through online and physical trade shows.

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.

UX METHODS

Contextual Inquiry
Brainstorming
Card Sorting
Task Analysis
Affinity Mapping
Heuristic Evaluation
Personas
Usability Testing
Interviews & Surveys
Prototyping

SKILLS

Interaction Design
Visual Design
UX Research
Lo-Fi and Hi-Fi Prototyping
Hardware Prototyping
Experimental Design
Digital Fabrication
Consulting
Project Management
Penetration Testing

TOOLS

Sketch
Adobe Illustrator
Adobe Photoshop
Balsamiq
Proto.io
Framer Studio
Invision
Adobe After Effects
HTML5/CSS3
JavaScript
Paper Prototyping

INTERESTS

Kayaking
Writing short stories
Cooking