# Manikandan Kandadai Venkatesh
**Interaction Designer | UX Designer**

## Contact
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## Experience

**UX Design Consultant**
*UM Tech Transfer, Mar 2017 - Present*
- Designed low fidelity mockups and interactive wireframes for UM Hospitals using Sketch, balsamiq and Proto.io
- Managed projects and maintained client relationships

**UX Researcher & Prototyper (Smart Speakers)**
*UM School of Information, Feb 2017 - Present*
- Conducted Research through Interviews, Observations, Survey, Wizard of Oz and Participatory design exercises.
- Developed a functional prototype using Python, C#, Node.js and Framer.js
- Created a detailed study design for evaluating the interventions
- Accepted for a poster presentation at DTL Conference in Spain (Dec 2017).

**Technology Consultant**
*UM IT Services, Sept 2016 - Jan 2017*
- Supported web design and development for UM IT Services
- Conceptualized exploratory ideas through prototypes developed in Principle and Framer.js
- Designed support platform using Bootstrap to share terminal commands making it easier for users to follow technical instructions.

**Cyber-Security Consultant**
*Ernst and Young LLP, July 2014 - July 2016*
- Designed and developed a tool for Internal Auditors through design thinking process. The tool increased the efficiency by 75% through automation
- Handled client relationships and communication
- Performed vulnerability analysis and penetration testing activities for EMEIA region using Nessus and Metasploit framework.

## Selected Projects

**Rakshaa,** *Mobile application design*
A Civic tech application aimed at curbing sexual harassment of women in India by leveraging social network connections.

**Alexa-Priv,** *Experimental Design*
Using Human-Centered Design to better integrate privacy in smart speakers such as Amazon Alexa and Google Home.

**Xplore,** *Social Computing*
Engaging local and global community of people traveling through the same route by creating sharable micro-experiences.

## Education

**University of Michigan**
M.S Human-Computer Interaction
Exp Grad: April 2018

**B.S Abdur Rahman University**
B.Tech. in Electronics and Communication Engineering
Grad: Oct 2014

## Leadership & Awards

EY Excellerator Award (2016)
Undergrad Merit Scholarship (2010)
President - Robotics Club (2014)

## Skills

### Design + Prototyping
UX Design & Research
Interaction Design
Visual Design
Digital Fabrication Techniques
Hardware Prototyping
Experimental Design

### Transferable
Project Management
Consulting

## Tool Kit

### Design + Prototyping
Adobe Creative Suite
Sketch
Framer.js
Invision
Proto.io
Balsamiq

### Coding
HTML/CSS/JS
Node.js
Python