



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

Contact

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Experience

UX Designer & 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
- Presented a poster at DTL Conference in Barcelona, Spain (Dec 2017).
- Prototype will be demonstrated at CHI 2018

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
- Coordinated with Director and Supervisor to find best solutions for clients
- Designed and developed a website in Php and MySQL for a client dashboard

Technology Consultant

UM IT Services, Sept 2016 - Jan 2017

- Supported web design and development for UM IT Services
- Added value to existing projects by conceptualizing 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
- Increased revenue by exceeding client expectations on engagements

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

Travel Grant - DTL Conference (2017)
EY Excellerator Award (2016)
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