



Manikandan K.V
Product Designer

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Experience

Product Designer (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 and working prototype.
- Created a detailed study design for evaluating the interventions
- Poster Presentation at DTL Conference in Barcelona, Spain (Dec 2017)
- Prototype will be demonstrated at CHI 2018 in Montreal, Canada

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

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

Xplore, Social Computing (Mobile Application)

Engaging local and global community of people traveling through the same route by creating sharable micro-experiences

Alexa-Priv, Experimental Design (SmartSpeaker)

Using Human-Centered Design to better integrate privacy in smart speakers such as Amazon Alexa and Google Home

Rakshaa, Civic Tech (Mobile Application)

A Civic tech application aimed at curbing sexual harassment of women in India by leveraging social network connections

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

Brainstorming & Whiteboarding
User Journey mapping
Interaction Maps and Site Maps
Persona creation
Contextual Inquiries & Coding
Affinity Mapping
Card Sorting & Information Architecture
Wireframing
Visual Design Skills
Prototyping (Web, IoT and VR)

Tool Kit

Design + Prototyping

Adobe Illustrator & Photoshop
Sketch
Framer.js
Invision, Principle, Proto.io
Balsamiq

Programming

HTML/CSS/JS
Node.js
Python