



Manikandan K.V
Product Designer

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Experience

UX Designer (Part-time)

UM Tech Transfer, Mar 2017 - Present

- Created mobile and web application designs for 8 healthcare projects for UM hospitals, Wayne county and Karmanos cancer center.
- 3 out of 8 designs are actively being developed while others are being used for grant proposals.

Product Designer (Research Assistant)

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 of a smart speaker
- Created a detailed study design for evaluating the interventions
- Presented a poster at DTL Conference in Barcelona (Dec 2017) & submitted to CHI 2018

Technology & Design Consultant

UM IT Services, Sept 2016 - Jan 2017

- Added value to projects by conceptualizing exploratory ideas through prototypes developed in Principle and Framer.js
- Designed a support platform using Bootstrap to share terminal commands making it easier for users to follow technical instructions

Cyber-Security Analyst

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
- The tool was incorporated into a larger product (Digicube) which is currently being used internally across all EY offices.

Selected Projects

Rakshaa, Civic Tech (Mobile Application)

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

Effective Notices, Design for GDPR regulation (Mobile Application)

A re-design of Uber and Lyft application to provide contextual privacy notices and actionable choices without compromising on the User Experience

Alexa-Priv, Experimental Design (SmartSpeaker)

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

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
User testing & Prototyping

Tool Kit

Design + Prototyping

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

Programming

HTML/CSS/JS
Node.js
Python