



# Navdeep Singh Bagga

Aspiring UI/UX professional. Designer and Developer.

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## EXPERIENCE

### UX Designer at Design Clinic

Ann Arbor, MI | Jan 2017 - present

Performing qualitative research for designing a voice-based telehealth system for the elderly followed by analysis and prototyping.

### Consultant at DTE Energy

Detroit, MI | Sep - Dec 2016

Evaluated current work practices and suggested recommendations to improve the existing workflow of DTE Energy's Information Management team by employing user-centered design practices of contextual inquiries and devising an affinity wall.

### Front-End Developer at Kore Inc.

Hyderabad, India | Nov 2015 - Jun 2016

Worked on the front-end of Kore web app's enterprise administration console which was used by more than 20 clients. Refactored & created new web components in a custom jQuery framework using Handlebars.

### Co-Founder at merainstitute.com, Indore

Indore, India | May - Sep 2015

Designed & developed the front-end of the website in 3 weeks using Backbone, jQuery, Grunt, Handlebars and SASS. Handled product branding and negotiated with prospective clients too.

### Software Developer at ClearTrail Technologies

Indore, India | Jul 2013 - Apr 2015

Designed & developed web audit reports. Improved the efficiency of an HTML to PDF converter by 10%. Also maintained an alert manager windows service written in C#.

## SKILLS

### UX

Needfinding, brainstorming, personas, sketching, storyboarding, lo-fi & hi-fi prototyping, usability studies

### Development

JavaScript, HTML5 + CSS3, jQuery, React, Webpack, Grunt, SASS

### Visual Design

Illustrator, Photoshop, XD, Axure

## EDUCATION

### University of Michigan School of Information

M.S. Candidate in Information, 2018

Specializing in Human-Computer Interaction

Cum. GPA - 4.0

### Shri G.S. Institute of Technology & Science

Bachelor of Engineering, 2013

Majored in Computer Engineering

## PROJECTS

### Run Finder

Ann Arbor, MI | Sep - Dec 2016

Designed an informed running smartphone app to address the needs of novice runners. Implemented best UX practices & iterated frequently to accommodate feedback & refine the interactions.

### Cyclika, CHI 2017 Student Design Competition

Ann Arbor, MI | Oct 2016 - Jan 2017

Researched on how to make biking a safe experience. Conducted user interviews & analysed their needs to come up with a prototype to detect vehicles approaching the rider from behind. Runners up of 2016 Munger Case Competition.

### BadgerJS

Indore, India | Jun 2015

Developed a highly customizable JavaScript notification library for webpages in 2 days from scratch. Displays notification cards on top of screen to not disturb the current DOM structure.

## COURSEWORK

Introduction to Interaction Design

Contextual Inquiry & Consulting Foundations

Fundamentals of Human Behavior

Needs Assessment & Usability Evaluation

Graphic Design & Visual Communications

Project Management & Consulting