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 devicing 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 & Prototyping
Illustrator, Photoshop, XD, Axure, Sketch, InVision

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