Navdeep Singh Bagga

UX Researcher. Designer. Developer.

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EDUCATION

University of Michigan School of Information
Ann Arbor, MI | Apr 2018
MSI, Human-Computer Interaction

Shri G.S. Institute of Technology & Science
Indore, India | May 2013
Bachelor of Engineering, Computer Engineering

EXPERIENCE

Software Engineer, Kore Inc.
Hyderabad, India | Nov 2015 – Jun 2016
Worked on the front-end of Kore web app's enterprise admin console which was used by more than 20 clients. Refactored & created new web components in short agile sprints.
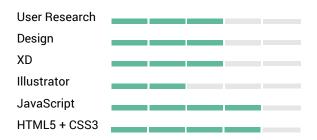
Co-founder, merainstitute.com
Indore, India | May 2015 – Sep 2015
Designed & developed the front-end of the website in 3 weeks. Handled product branding. Negotiated with prospective clients.

Associate Software Engineer, ClearTrail Pvt. Ltd.
Indore, India | Jul 2013 – Apr 2015
Designed & developed web audit reports. Improved the efficiency of an HTML to PDF converter by 10%.

SKILLS

Skill	Level
User Research	▰▰▰▰▱
Design	▰▰▰▰▱
XD	▰▰▰▱▱
Illustrator	▰▰▱▱▱
JavaScript	▰▰▰▰▱
HTML5 + CSS3	▰▰▰▰▱

RELEVANT PROJECTS

CHI Student Design Competition 2017
Ann Arbor, MI | Dec 2016
Researched on how to make biking a safe experience for hearing-impaired users. Conducted user interviews & analysed their needs to come up with a handlebar mount to detect vehicles that are behind the rider. Runners up of annual Munger Case Competition.

Run Finder
Ann Arbor, MI | Dec 2016
Designed an informed running smartphone app to address the needs of novice runners. Implemented best UX practices of needfinding, brainstorming, personas, sketching, storyboarding, prototyping, usability studies & Iterating frequently to accommodate feedback and refine the interactions.

Consultant for DTE Energy
Ann Arbor & Detroit, MI | Dec 2016
Performed contextual inquiry to understand and make recommendations for internal knowledge management system impacting ~250 people.

Badger
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
Technology & Accessibility
Fundamentals of Human Behaviour
Contextual Inquiry & Consulting Foundations