

## WORK EXPERIENCE

**This Design Pvt Ltd** as New Opportunity Investigator ( **DEC 2014 - JULY 2015**) **Christchurch, NZ**

Main role is to investigate ideas, market analysis, User Research for the products, Validity & Feasibility.

**Ducere Technologies Pvt Ltd** as Embedded Design Engineer ( **JUN 2012 - JUN 2013**) **Hyderabad, INDIA**

Joined as employee 1, researched, prototyped & worked on LeChal, a haptic shoe for the visually impaired.

**Farasbee** as Embedded Design Engineer ( **JAN - JUN 2012**) **Mumbai, INDIA**

Responsible for Prototyping and developing Diabeto apart from working on customized Guitar AMP and T-Board.

**K.K.Computronics** as Independent Consultant ( **SEPT 2010 - SEPT 2011**) **Jaipur, INDIA**

Responsible for development of new electronics projects for the company and marketing plans for the existing products.

**K.K.Computronics** as Web Developer Intern ( **MAR 2010 - JUN 2010**) **Jaipur, INDIA**

Responsible for Designing and coding a basic website of the company using Drupal as per company's requirements.

## EDUCATION

**HITLabNZ, University of Canterbury, Christchurch**

Masters of Human Interface Technology (MHIT) , '14 - now

**Rajasthan Technical University, Kota**

Electronics and Communication Engineering '11

## SKILLS

### Programming

(Proficient/Familiar)

C / C++	JavaScript
Java	Python
SQL	HTML5
CSS3	NodeJS
R	d3

### Softwares, IDEs & Hardware Skills

(Proficient/Familiar)

Eclipse	OpenCV
Android ADT	GTK / PyQt
PCB Design	SMD Soldering
WebRTC	MATLAB

### Design Skills

Sketching	Affinity Diagram
Personas	Scenarios
Storyboarding	Prototyping

### Multimedia Tools

Photoshop	Keynote
InDesign	Inkscape
Illustrator	Final Cut Pro
Lightroom	iMovie

### Rapid Prototyping Tools

PopApp	Proto.io
UXPin	InVision
App Inventor	Flinto
Autodesk 123D	3D printing
Arduino	Processing
OpenFramework	

### User Research

Requirement Analysis	Surveys
User interviews	Evaluation
Usability Testing	

## RESEARCH INTERESTS

Human Computer Interaction

Affective Computing

Augmented Reality interfaces for affective wellbeing.

Sensor Network to Interface Virtual World with Real World

User Interface Designs

Wearable Computing

Tangible Interfaces

## PUBLICATIONS AND PATENTS

*"CoSense: Creating Shared Emotional Experiences"* - Work-in-Progress  
CHI'15 Extended Abstracts: 33rd Annual ACM Conference on Human Factors in Computing Systems Proceedings

*"System and method for haptic based interaction"* US-Patent  
<http://tinyurl.com/olv5view>