

WORK EXPERIENCE

This Design Pvt Ltd as New Opportunity Investigator (**DEC 2014 - NOW**) **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>