

## WORK EXPERIENCE

**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

Intelligent interactive systems with Haptic feedbacks

Wearable Computing

Tangible Interfaces

## Publications

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