

# Ravikumar Jayaraman

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## OBJECTIVE

Seeking *full-time interaction/user experience design* position to contribute with, as well as sharpen my expertise in human-centered designing.

## EDUCATION

**MS**, Human-Computer Interaction – design, May 2011

Indiana University, Bloomington, IN

**B.E**, Computer Science, June 2007

SSN College of Engineering, Tamilnadu, India

## DESIGN PROJECTS

**‘Cricconnect’**, Sep 2010 – May 2011 (8 months)

Created a website which allows passionate cricket fans to connect with the game of cricket in their local area.

**‘Plop’**, Jan 2010 – May 2010 (4 months)

Designed a tablet PC based system and an advanced bus radio focused on improving co-ordination between dispatcher and drivers in bus transit

**‘Rainforest ride’**, Mar 2010 – May 2010 (2 months)

Designed an experience design exhibit which creates an experience of ride in the Madagascar rainforest with characters from the movie “Madagascar”

## EXPERIENCE

**Applied Research Intern**, May 2010 – Aug 2010 (3 months)

*LexisNexis*, Dayton, OH

- o Designing and evaluating information visualization prototypes for legal research.
- o Understanding legal researchers, their work style, preferences and their terminology
- o Exploring the state-of-the-art search mechanisms and create designs pushing the limits
- o Understanding the LexisNexis product family & the associated technology so that the interaction between them can be designed to enhance and integrate well with one another

## **Design mentor & associate instructor, August 2009 – May 2011 (2 years)**

*Indiana University, Bloomington, IN*

- o Work very closely with novice interaction designers to help them gain expertise in interaction design practice by critiquing and supporting their design process, approach and skills
- o Instruct students starting their career in information technology to – have a good grasp of basic technology skills in the areas of web design, media computation and programming concepts, understand diverse aspects & impact of technology, and sharpen their presentation skills

## **Software Engineer, August 2007 – July 2009 (2 years)**

*Infosys Technologies Ltd, Chennai, India*

- o Worked on multiple projects which are diverse based on software life cycle
- o Developed, deployed and maintained SharePoint Server 2007 portal for conducting and auto-tracking sessions of multiple categories involving custom workflows and custom ASPX pages created with SharePoint Designer 2007.
- o Performed testing of Point of sale (POS) applications and related hardware such as POS keyboard, barcode scanner and signature capture pad
- o Created a windows application in C# for getting information of employees from LDAP and updating automatically in excel sheet.
- o Developed web application for employee management using ASPX, Silverlight 2.0, XAML, and CSS, C #, ADO .NET 3.0 and SQL Server 2005.

## **DESIGN METHODS**

Interviews, Surveys, Ethnography, Focus groups, Cultural probes, Diary studies, Affinity diagramming, Paper prototyping, Brainstorming, Storyboarding, Scenarios, Personas, Usability testing, Card sorting, Cultural probes

## **TOOLS**

Balsamiq, Microsoft Visio, Photoshop CS4, Dreamweaver CS4, Fireworks CS4, InDesign CS4, Illustrator CS4, Microsoft Office (PowerPoint & Excel) for prototyping, Windows Movie maker, Pen & paper

## **TECHNICAL SKILLS**

Adobe Cairngorm, Flex builder 3, HTML, CSS, Microsoft SharePoint Designer 2007, Microsoft SharePoint Server 2007, Microsoft Visual Studio, Microsoft SQL Server Management Studio, Internet Information Server 6.0 (IIS), Silverlight 2.0, XAML, C#, ADO .NET 3.0 and SQL Server 2005.

## **ACTIVITIES & HONORS**

- o Judge for web design contest 2009 conducted by MCCSC, Bloomington, IN.
- o Recipient of best paper certificate, Student's category, USID 2007.
- o Co-author for the paper titled "Cost-effective system with deviceless computer access" in IEEE ACVIT-2007.