

## Abhichandra Hupare

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### Summary:

A mechanical engineer having 5.5 years of experience in User Interface design, Interactive design, Web application prototyping, usability professional and elearning design development projects. A proven track record of leading design projects from requirement analysis state to design and development state. A learning experience in working with clients from USA and Japan.

Special interest lies in studying and researching in the field of HCI and Usability and implementing them in practical work. To design and develop various user-centered design application and products.

### Strengths:

- Experience in designing various web applications User Interface and e-learning prototypes for Fortune 500 companies from countries like Japan, USA, Singapore & Netherlands.
- Have worked on-site in Tokyo for a prestigious Japanese client for Project Requirement Analysis and prototyping.
- Having a sound knowledge of application of LMS, SCORM, Flash-xml technology.
- Sound experience in handling a project from conceptualization to implementation and deployment.
- Estimation and scheduling of a User Interface and Graphic design projects.
- Experience of leading team from initial stages of design and development to deployment.
- Good knowledge and special interest of HCI, Interactive design, Usability principles and Information Architecture.

### Education:

- **Bachelor of Mechanical Engineering** – Shivaji University, Kolhapur.
- **Diploma in Mechanical Engineering** – Board of technical Education, Bombay.

### Professional Experience:

- Senior Content Developer (2003 - till date)  
**Convergys (formerly Digitalthink Inc.), Hyderabad**
- Design Team Leader (2000-2003)  
**Vertex Software Pvt. Ltd. Pune**
- Creative Designer (1999-2000)  
**Nugenix systems, Kolhapur**

### Skill sets:

**Programming:** HTML (Expert), JavaScript (intermediate), Actionscript (intermediate), XML (beginner)

### Tools:

**Expert level:** Flash Mx, Dreamweaver MX, Photoshop 7.0, Fireworks MX, Corel Draw 10, Adobe illustrator 10, Robo Demo 5.0.

## Professional Work Experience:

**Project** : Re-design of CDWeb  
**Client** : **Convergys (inhouse project)**  
**Duration** : Nov 2004 – Dec 2004  
**Technology** : Usability analysis principles, Cardzort software, Card Cluster software  
**Description** : A intranet portal for in house content developers to assist them in their daily work functions. Development functions like deployments, daily builds, admin links to name a few. The user testing was done with the current site, where people had problems finding relevant data. The site was not categorized properly and metaphor used for links were not easy to understand. Hence usability was hampered, so a proposal of re-design was given where user study, user survey and card sorting analysis was done. The site was then build with the results of cards sorting exercise.  
**Role/ Responsibilities** : Usability analyst  
User testing was done initially to understand the problems users were undergoing, after which a small survey was done with the same users to know their ideas and suggestions. The Card sorting exercise was then done to get an understanding of the mental model of user. Cluster Analysis on this resulted to come up with a navigation and site organization model. Finally the site was build with iterations from wire frame models created and again final user testing was done with the new proposed site.

**Project** : Sales Representative course design and development  
**Client** : **Salesforce.com, USA**  
**Duration** : May 2004 – Nov 2004 ( 2 courses )  
**Technology** : Flash Mx, Robo Demo 5.0,HTML, Javascript  
**Description** : A course for Sales persons from marketing department of Salesforce.com, to train them in Salesforce CRM software tool. The training is about increasing efforts in effective marketing by learning the CRM tool from the course. The course contains various step by step learning content specifically for sales persons  
**Role/ Responsibilities** : Sr. Content Developer  
Designing composites and implementation in Flash MX and Robo Demo. My primary task was to abide by clients branding and look and feel. All the design composites were designed in Photoshop 7.0 and after the final design was finalized, I had to convert all the design into Flash mx.

**Project** : Copymax  
**Client** : **OfficeMax, USA**  
**Duration** : Jan 2004 – May 2004  
**Technology** : Flash Mx, HTML, Javascript  
**Description** : A CBT course for Sales persons in OfficeMax stores. The training is about effective marketing and selling concepts. The course contains various step by step learning content specifically for sales persons. It also contains interactivities like Flipbook, Game, Matching, Drag and Drop.  
**Role/ Responsibilities** : Sr. Content Developer  
Designing composites and implementation in Flash MX and Robo Demo. All the designs were done in Photoshop 7.0 and the Content was then created in Flash mx. Some HTML were also done for glossary items and Resources link which are a basic links of learning management system.

**Project** : Honda IN  
**Client** : **Honda, USA**  
**Technology** : Flash Mx, HTML, JavaScript  
**Duration** : Nov 2003 - Dec 2003  
**Description** : A Course specially developed for Honda Dealers in USA. The main learning objective of the course was to train, Honda dealers about the new Honda Dealers Network, called the Honda Interactive Network. The course mainly consisted of Simulations and various briefings on Dealers management software.  
**Role/ Responsibilities** : Sr. Content Developer  
Designing composites and implementation in Flash MX and Robo Demo. My primary task was to abide by clients branding and look and feel. All the design composites were designed in Photoshop 7.0 and after the final design was freezed, I had to convert all the design into Flash mx.

**Project** : PSMS – Portal Site Management System  
**Client** : **Furukawa Information Technology, Fitec, Japan**  
**Technology** : HTML, Javascript, JSP, J2EE  
**Duration** : May 2003 - Nov 2003  
**Description** : A web application tool to manage municipal government portal sites in Japan. Web pages can be composed from Excel, Word, Raw Text files and Images. Product covers the entire workflow and process management in creating of the portal site including requests/approvals, publication control and templates.  
**Role/ Responsibilities** : Design Team leader  
As a UI Designer, for this project I was onsite to Japan. My task was designing screen layout, functionality flow, interacting with client one on one understand the requirement and then start building a HTML mock-up. Designs were done in Photoshop for the UI look and feel. The HTML mock-up was created in Dreamweaver mx also javascript in some instance were used in the mock-up. Finally the goal was to create a cognitive walk-through the system so that the client can get a good feel of the system flow, look and feel.

**Project** : Equipment Booking System  
**Client** : **Avantium B.V., The Netherlands**  
**Duration** : Dec 2002 – April 2003  
**Technology** : .NET, HTML, Javascript  
**Description** : Avantium is a chemical research institute which have a investments from Pfizer and Glaxo. The booking of various equipments for numerous research work by project members is done online on the system. Expenses of a specific research project can be evaluated and graphical representation of reports are generated.  
**Role/ Responsibilities** : GUI Design – Team leader  
As a UI Designer, designing screen layout, functionality flow, interacting with client. Creating HTML mockup and client communication.

**Project** : Fieldtrip, School Management system  
**Client** : **Kruse Inc., USA**  
**Duration** : July 2002- Dec 2002  
**Technology** : HTML,PHP, MySQL  
**Description** : Fieldtrip is a District Schools Management System, which has its network by Kruse control. The system consisted of Teacher, Student and Parent level privileges. The teacher can set class schedule or new course for students, they can even have a online document system where they can upload the course files. The students have a liberty to go through various course schedules and apply for the new class. They

**Role/ Responsibilities** in turn can download the course documents files from the site.  
GUI Design – Team leader  
As a UI Designer, designing screen layout, functionality flow, interacting with client. Creating HTML mockup and client communication. Design in Photoshop for the UI look and feel. The HTML mock-up was created in Dreamweaver mx.

**Project** : Online Attitude Test system  
**Client** : **STI, Japan**  
**Duration** : May2002 – July 2002  
**Technology** : HTML, JSP, javascript  
**Description** : STI is a institute which offer users to take their three tests for self improvement in terms of Attitude, decision making etc. The users pays for the online test for all the three tests. He can then login from his home or office and proceed with the test. The tests are small questions which have a objective answers. Post test the user gets 3 reports of his online test. My task in it was to analyze the business scope and create a HTML mockup to comprehend with the clients expectation.

**Role/ Responsibilities** GUI Design – Team leader  
As a UI Designer, designing screen layout, functionality flow, interacting with client. Creating HTML mockup and client communication. Design in Photoshop for the UI look and feel. The HTML mock-up was created in Dreamweaver mx.

#### **Professional Training and Continuing Education:**

- Participated in the Seminar and workshop on **IHCI 2004** at Bangalore
- Training on **Situational Leadership** – Convergys learning system (in-house)
- Training on **Change management** - Convergys learning system (in-house)
- Training in **Action scripting** - Convergys learning system (in-house)
- Training in **effective Team Building** – professional training for 2 days
- Training on Online **Javascript** course – Convergys e-learning solution course

#### **Awards and Honors**

- Invited as a special speaker for a workshop on GUI and Flash by AICTE sponsored workshop for 2 years in two leading Engineering colleges in Shivaji University.
- Special award for event managing of stage for 3 years in social gatherings. The events were creating Lal Qilla (Red fort) , a simulation of Agni, Pritvi and Pokharan bomb blast in Ganesh festival, which bagged up a special award in technology by Lions group.
- Paper presented on “Metal matrix composites” in a state level paper presentation competition.