

Debasmita Karmakar

PGDPD – Information and Interface Design
B-Tech – Information Technology

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Work Experience Summary

Client / Organization	Duration	Technology	Role
Infosys Technologies Ltd.	From September 2006 to 1 st June,2009	J2EE, Oracle 9i, Struts	Software Engineer

Internship Summary

Client / Organization	Duration	Project description	Role
Progress Software	1 and half months	Designed interfaces and interactions for 'Data Virtualization Server' tool. The tool is a business product which is used by software developers.	User experience designer

Education summary

Qualification	Institute	Board	Marks Obtained	Year of Passing
Post Graduation In Information and Interface Design (PGDPD)	National Institute of Design (NID)			
Graduation (B-Tech.)	JIS College Of Engineering, Kalyani	West Bengal University Of Technology (WBUT)	7.6(DGPA)	2006
Class XII	New Barrack Pore Girls' High School	West Bengal Council of Higher Secondary Education	67.8%	2002
Class X	Uttar Dum Dum Vidya Pith Girls' High School	West Bengal Board of Secondary Education	81.5%	2000

Technical Skills

Databases:	Oracle 9i
Framework	Struts
Programming Languages:	Java, JSP, Javascript, COBOL
Design Tools:	Adobe Photoshop ,Adobe Illustrator, TOAD(database tool)

Classroom Projects/Assignments (NID)

1. Design Concept and Concern (Assignment project – Prof. M P Ranjan)

This assignment was to find out design solution for water problem especially for rivers and streams.

This was a research based assignment where we had to collect various kinds of data related to rivers and streams, structure the data, analyze the concerns and finally find solutions using metaphors.

Team size – 14

Skills used – Drawing, Model making, Ideation

2. Magazine Spread –Graphic Design

This assignment was for making a magazine spread which has an abstract composition on the left-hand side and a small write-up on the right-hand side.

The composition was made of small organic images and using square grids. The whole composition along with the write-up was black and white.

Proper typography was used for the write-up section.

Team size – 1

Skills used – Making the images, grid usage

Tools – Adobe Illustrator

3. Visual representation–Society, Design and technology

This assignment was to make a visual representation of Bangalore culture. The representation was made of Bangalore map, various images and small write-ups with color coding. The target audience is 8th to 10th standard students.

Team size – 3

Skills used – Research methods, structuring the data and pie charts/bar charts for analysis.

Tools – Adobe Illustrator, Adobe Indesign and paper

4. User Research on people's behavior

"Crossing a road is difficult for children and elderly persons". This was our problem statement we have started with. We did a demographic observational research and consolidated the data we got from our research. Analyze the data in statistical manner and verified our problem statement. And based upon our analyzed data we provided various digital and non-digital design solutions.

Team size – 7

Skills used – Research methods, consolidation of data, statistical analysis , sketches

Tools – Microsoft excel and Adobe Illustrator

5. User interface Design – Food related search on Microsoft bing

Designing the complete food related search experience in bing based on users' need. Primarily areas of 'food' and 'restaurants' are considered.

Team size -1

Skills used – Research methods, consolidation of data, statistical analysis , wireframes

Tools – Microsoft excel,word and Adobe Illustrator and html

Projects (Infosys)

- 1. Intelligent Suppliers Directory (ISD)** - This is an Infosys Solution Project called "Intelligent Suppliers Directory". It maintains Suppliers' data and Business Information for Aerospace Industries. Customers (Client) who are registered with Infosys will be able to find Suppliers through this application. This is a service based application.

Role: Application developer

2. **Dealer Management System** - Dealer management application for Toyota Kirlosker Motors, India

Role: Application developer, mentor of junior developers

Training and Seminars

- J2EE course from IBM ACE
- Gone through the Fresher's Learning Program in Infosys for four and half months with the training of **MVS, TSO ISPF, JCL, COBOL, VSAM, CICS, and DB2.**

Activities and Interests

Painting, Writing, Photography