

Kanika Agarwal

M.tech 1st Year (CSE), Indian Institute of Technology, Bombay, India

Contact No.: +91-9619260867**E-Mail:** kanika@cse.iitb.ac.in**OBJECTIVE**

To use my skills in the best possible way for achieving the company's goals.

ACADEMIA

Degree	Board/Institution	CGPA/Percentage	Year
B.Tech (Computer Science)	Jaypee Institute of Information Technology, Noida	9.0	2011
12th	Delhi Public School, RKPuram, New Delhi	87%	2006
10th	St.James School, Hardoi	90%	2004

ACADEMIC EXPERIENCE

Title: "Decipher" A Plug-In For Chrome Developed On Cloud Google App Engine
(Google App Engine, Java, HTML, Json, JavaScript)

July' 10 - May' 11

The project aimed at developing a tool for web browsers by the use of which online document reading could be made more efficient and more productive. Developed an extension for Google Chrome which provided an inline search for the user. Made use of the free web service provided by Google Web API's, Google App Engine, Online Dictionary and WebSnpr. The analysis showed that up to 40TB of data can be saved using this application.

Title: Application of Grid Computing
(C#, Alchemi Grid .Net Framework)

Feb' 10 - May' 10

The project aimed at developing an application on grid framework. The grid simulation software used for this purpose was Alchemi. Developed an image processing application (Steganography) to showcase the difference in time taken by the same task as the number of processing units increase.

Title: Internship Portal
(HTML, CSS, JavaScript, php, My SQL)

Aug' 09 - Nov' 09

The project aimed at developing a portal where students could search for internships and employers could post their requirements. Registered students can apply for internships as well and can communicate with employer using the portal. The portal can be used as a medium to search internships over the internet. Internships were crawled from live portals like naukri.com and other job portals.

Title: Traffic Simulator
(Java, Bascom)

Mar' 09 - July' 09

The project aimed at developing a simulator for present day traffic situations by using already provided maps or custom made maps. It basically focuses to minimize the waiting time for any vehicle and to maintain the cycle of lights on the basis of volume of traffic contrary to the fixed time slot as prevalent now-a-days.

*Also developed a working model of traffic simulator using microcontroller.

Title: Students Teacher Collaborator
(C,Graphics)

Sep' 07 - Oct' 07

The project aimed at developing a dynamic time table management system. A student can decide upon the day and time when he wants to attend classes out of the total available classes throughout the week. He could also choose between the available teachers of the same subject.

INTERNSHIP**Wealthworx Consulting Pvt. Ltd**

Developed Admin Module for www.cafestocks.com.

May' 10 - July' 10

TECHNICAL SKILLS

- ♦ **Software** - Eclipse, NetBeans, MS Office, MS SQL Server, Adobe Dreamweaver
- ♦ **Languages** - C/C++, Java, Bascom, Json
- ♦ **Operating Systems** - Windows, Linux, Unix
- ♦ **Web Technology** - HTML, PHP, JavaScript, CSS

ACHIEVEMENTS

- ♦ Finalist in Google India Women in Engineering Award'11
- ♦ Delivered a lecture on Cloud Computing at OSS 10.11
- ♦ Computer Science Department Rank 4
- ♦ 1st Prize, Automated Robot Event, Delhi College Of Engineering (Phoenix)
- ♦ 1st Prize, Automated Robot Event, IIIT Noida (Tree Tracker)
- ♦ 4th Prize, Automated Robot Event, Bits Pilani (Apogee)
- ♦ Coordinated International Conference on Contemporary Computing
- ♦ 2nd Prize, Manual Robot Event, IIT Kharagpur (Statistics, Kshitij)
- ♦ District Topper Class X CBSE

PERSONAL DOSSIER

Date of Birth	:	17 th Dec 1988
Father's Name	:	Mr. P.K. Agarwal
Nationality	:	Indian
Hobbies	:	Travelling, Robotics, Playing Table Tennis