

# ASHISH SHUBHAM | 06CS3019

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D-210, Nehru Hall, IIT Kharagpur

EDUCATION			
Degree/Examination	Institute	CGPA / %	Year
Dual Degree, Computer Sc & Engg.	I.I.T. Kharagpur	7.62	2011
Class XII, CBSE	Delhi Public School Ghaziabad	86.8%	2006
Class X, ICSE	St. Mary's Convent School	93.6%	2004
ACHIEVEMENTS AND PRIZES			
• Winner, IBM Technical Contest on Enterprise computing held during Kshitij, IIT Kgp's techno Festival			2010
• Winner, Laws Of Motion(National Mechanically powered car design contest, Kshitij)			2008
• 1 <sup>st</sup> Runner up, Chemical Howitzer(National Chemically powered mortar design contest), Kshitij			2007
• 99.73 percentile in GATE 2010 in Computer Science			2010
• Secured 11 <sup>th</sup> Rank in Regional Maths Olympiad(RMO), attended INMO training Camp			2005
INTERNSHIPS			
Microsoft Research, Redmond USA		May 2009 – July 2009	
Overview	• Developed an Algorithm for dynamic generation of HeatMaps via graphical blending of discrete data items. Integrated it with Microsoft CodeCanvas, to render heatmaps of Code Coverage data.		
Benefit to Company	• Microsoft CodeCanvas is now capable of computing code coverage heatmaps of very large codebases like Windows 7 at Runtime at 30 FPS. A speedup of about 50 times. • Windows7 Test team can use CodeCanvas for their Code testing/coverage statistics and studies.		
InfoEdge India Ltd., Noida		Jeevansathi.com(Matrimony Portal)	May 2008 – June 2008
Overview	• Developed a system to receive requests from the Jeevansathi.com web server and initiate monitored anonymous private relay chats for Jeevansathi.com users on Yahoo! and MSN networks. • Integrated the system with the existing Jeevansathi.com portal to show presence information of the users online using Yahoo/MSN, it included user(DB) management, Auto Replies and Timeouts.		
Benefit to Company	• Jeevansathi.com users can talk to prospective partners on Yahoo and MSN IM networks. • Jeevansathi.com is able to control the chat rooms of abuse and identity leakage.		
PROJECTS			
Tele-Consultation System for Doctors using Handheld Devices	• Development of a network(GPRS) shared drawing canvas with Zoom and Pan, capable of loading stored images from the server and drawing images using stylus/finger. • Use of gestures for easy navigation on the drawing canvas. • Audio/Video Conferencing using RTMPT/Flash protocols over GPRS.		
Autonomous Underwater Vehicle (AUV)	• Integration of a GPS module with the existing AUV control system and calculation of the Cartesian coordinates of the submarine. • Software Kalman filter to reduce drift from the intended trajectory of the submarine.		
Load Balancing Ad-Hoc Compute Cluster	• Development of a compute cluster consisting of systems on the Campus LAN. • The system had a web interface for submission of compute jobs and to facilitate joining and leaving of volunteer compute nodes.		
POSITIONS OF RESPONSIBILITY			
Captain, Inter Hall Hindi Dramatics	• For the Academic sessions 2009-10 and 2010-11. • Adjudged Best Director for adaptation of Ajay Shukla's play "Taj Mahal ka Tender" at Intra IIT 09.		
Captain, Inter Hall Opensoft	• For the Academic sessions 2009-10 and 2010-11. • Led a team of 10 to win Bronze at Inter Hall OpenSoft 2010.		
EXTRA ACADEMIC ACTIVITIES			
Dramatics	• Medals in Inter Hall English(2009, 10) & Hindi Dramatics(2009) and Choreography(2009, 10). • Member, English Technology Dramatics Society		
Sports	• Member, Inter Hall Basketball team since 2 <sup>nd</sup> year, also member NSO, Basketball. • Represented my school at district level Kho-Kho competitions.		
Technology	• Honorable mention in the ACM ICPC Multi provincial programming contests in 2008, 09 and 10. • Medals in Inter Hall Ad Design(2009, 2010) and Product Design(2009)		