B-222, JCB
IIT Kharagpur
West Bengal - 721301
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ASHWANI AGGARWAL

OBJECTIVE

To pursue growth and experience in vast and dynamic field of software and hardware development and at the same time to contribute its growth.

PERSONAL MEMO

Father's Name	Sh. R.T Aggarwal
Date of Birth	December 06, 1982
Nationality	Indian
Gender	Male
Marital Status	Single

PROJECTS

➢ Implemented Distributed Shared Memory (DSM) on LINUX platform.

➢ Developed an ATM (Automated teller machine) software, with lock manager for distributed Database.

➢ Development of Reliable Communication protocol over non reliable protocol (UDP).

➢ Developed Image Filters via Parallel programming (Parallel Virtual Machine).

➢ Developed automated Online Auction System (OAS).

➢ Chat server: supporting multiple clients in a concurrent non-blocking manner.

➢ Automatic Traffic light controller – Hardware implementation. (December 2004).

➢ Hopfield Neural Network for Shortest Path Determination (Senior Report 2004).

➢ Call recording software for Convergent India Ltd. (May-June2003).

➢ Networked Database Management System: supporting multiple clients in a concurrent non-blocking manner (May-June 2002).

SEMINARS & PAPERS

➢ Delivered a Seminar on Object Tracking in Compressed Video Domain.

➢ Presented a term paper on IP Trace-Back.

➢ Delivered a Seminar on TETRA (TErrestrial Trunk RAdio).

➢ Presented a term paper on SAN (Storage Area Network).

EDUCATION

Pursuing **M.Tech** Computer Science and Engineering, Aug 04, **IIT Kharagpur**, West Bengal.

Mtech 1st Sem SGPA – 8.25

Mtech 2nd Sem SGPA – 8.75

B.Tech Computer Science and Engineering, Aug2K-July04, **IP University**, Delhi

Aggregate Percentage: 82% .

FEW OF STUDIED SUBJECTS

Advance Computer Architecture	Distributed systems
Advance Algorithm Design	Software Engineering
Cluster & Grid Computing	Information & system security
Network Management and Security	Advance operating systems
Digital Image Processing	VLSI Design
Soft Computing (Fuzzy Logic, Neural Networks)	Digital Signal Processing
Artificial Intelligence	Digital Systems Logic
Microprocessors	Embedded Systems
Computer Architecture	Data Communication Networks

Percentile Score in **GATE 2004** - **99.54**
All India Rank (AIR) - **158**
(Branch Computer Science & Engineering)

COMPUTER SKILLS

Programming Languages: C,C++, Java, Prolog(Basic)
Platforms: Solaris, Linux , Windows(98-XP)
Packages: MATLAB, PVM
Database : MySQL, ORACLE
Database Engine : JDBC

Completed a One year Course in WEB DESIGNING from INFOTECH COMPUTER INSTITUTE

AWARDS

1st position – Get Inquisitive 2002 (Intra College)

INTERESTS

Computer Programming, Music, Movies, Badminton, Driving