

Sandeep Gupta

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Objective

To apply the acquired knowledge and technical skills of system designing and development for providing solutions in the field of Wireless and Mobile Computing and to add value to the organization.

Education

- 2002 onwards Indian Institute of Information Technology, Allahabad
M.Tech (IT) - Wireless Communication & Computing
CGP: 9.8 (till 3rd semester)
- 1998 - 2002 College of Business Studies University of Delhi
BIT (Bachelor of Information Technology)
73% marks
- 1998 Kulachi Hansraj Model School CBSE, New Delhi
12th Standard
84% marks
- 1996 Kulachi Hansraj Model School CBSE, New Delhi
10th Standard
89% marks

Areas of Interest

- Mobile Computing
- Network programming
- Embedded Linux
- Linux Kernel/Modular programming

Projects Undertaken

- *BUSTRAP: A Metropolitan Bus Travel Planner* - (Current) Undertaken as part of M.Tech thesis/dissertation work.
- *Configuration Tool for TI's acx100 chipset based wireless cards* - Developed in Linux using Qt3.
- Implementation of *Service Discovery in MANets* in NS-2 - done as part of Protocol Implementation course. Developed in C++, Tcl/Tk, ns-2
- *SMSLists* - A concept similar to mailing list. Done as part of Mobile Intelligent Networks course. Simulation developed using C, MySQL
- *SMines* - A Minesweeper clone for Sony Jxx phones in C. Featured on many Sony Jxx Forums. Appreciated world-wide.
- Development of *FinWiz* - Software for Financial Wizards, annual stock-exchange simulation game of College of Business Studies. Developed in VB

- Part of Development team of *Interact* - a mail merging and management software. Developed in VB
- Development of *MAST* - a Windows tweaking utility developed in C++ using Registry API. Project undertaken as a part of Software Engineering course

Internship

Organization - Ministry of Communication and IT - Microelectronics Development Division

Duration - 4 months

Project Title - *Enhancement of Bipolar Advanced Devices Simulator (BIAS) v 2.0*

Project Scope -

- Understanding existing code
- Debugging source code
- Developing GUI in Tcl/Tk under Linux
- Interfacing of BIAS with other in-house simulators like STEPS etc.

Languages and Packages Known

- C/C++
- VB
- Qt
- Tcl/Tk
- Network Simulator (NS)
- MySQL
- UNIX Shell programming
- Assembly Language
- VC++
- Java
- PL/SQL

Operating Systems

- SuSE/RedHat Gnu/Linux
- FreeBSD 5.1
- Windows 98/2000/XP

Extracurricular activities

- Member of the Organizing Committee of the Seminar organized by the college - *ERP: Overview and Implementation*
- Member of the Organizing Committee of *Financial Wizards 2002* - annual stock exchange simulation game of the college
- College Representative of the college in the Forum for Information Technology (FIT) - a society of all BIT & BIS students of DU, which conducts placements and other activities for the students
- Participated in Telescope Making workshop organized by Nehru Planetarium

Achievements

- Merit certificate awarded by Olympiad Society of Delhi for outstanding performance in mathematics in year 1998 and 1996
- Secured 1st position in BIT in the college

Hobbies

- Music
- Cricket

Personal

Date of Birth : 5th November, 1980
Father's Name : Mr. Y. P. Gupta
Marital Status : Single

Refrees

- Dr. M. M. Gore
Associate Professor
Indian Institute of Information Technology
Allahabad
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- Mr. Manish Singh
Senior Software Engineer
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