Résumé

SAPTARSHI DE

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Career Objective: To work with a vibrant company where job is full of challenges and fun, and I get opportunity to enhance my personal and professional skills. I want my career to grow along with my employer.

Educational History:

1. Pursued 1-year **Full-time PG Diploma in Software Technology** (FPGDST) with **CDAC (formerly NCST), Bangalore** (Duration: August 2004 to February 2005).
2. **B.Tech.** in **Electrical Engineering (2004 batch)** in **First division** from **Jamia Millia Islamia** (Central University), New Delhi-25 [**Aggregate: 67.2%**].
3. **Class XIIth** (**CBSE Board**) passed in **First class** from **Delhi Public School**, Vidyut Nagar in **year 2000** [**Aggregate: 87.4%**].
4. **Class Xth** (**CBSE Board**) passed in **First class** from **Delhi Public School**, Vidyut Nagar in **year 1998** [**Aggregate: 82.2%**].

Work Experience:

Employer	**:**	HCL Technologies Ltd., Chennai
Duration	**:**	February 2005 – till date
Designation	:	Junior Consultant
Summary	**:**	Application development and customization for Facility Management ERP package. I am responsible for customizing and development the Project and Financial Management module of the package as per client requirements.

Honors and Achievements:

1. **Presented technical paper** titled "e-metering - Solution for checking energy thefts and stream lining revenue collection in INDIA" **at the 2003 IEEE-PES T&D Conference held in Dallas, Texas (USA)** during September 7-12, 2003 and same was published in the conference proceedings. This paper was **short-listed for Collegiate Contest and USD1000 financial support sanctioned by IEEE-PES organizing committe**. The visit was sponsored by National Thermal Power Corporation (NTPC) Ltd.
2. **Presented technical paper** titled "Design and Development of Vigilant Energy Metering System (VEMS) and its Applications" **at SCOReD 2003 Conference held in Putrajaya, Malaysia organized by IEEE Malaysia Section.**
3. **Awarded First Prize** for Science Project on "Ash Utilization" **at NAFEN'S Xᵗʰ All-India NDC-97.**
4. **Certificate of Merit** in the National Mathematics Olympiad – 1997.

Computer Knowledge:

1. **CST-2004 (I-level) score: 98.00 percentile** [conducted by CDAC, Mumbai (formerly NCST)]
2. **Languages known:** C, C++, JAVA, HTML.
3. **OS Platforms:** MS Windows XP/Me/98, MS DOS, LINUX.
4. **Software Packages used:** Visual Basic, MS Office XP/2000, NS-2.
5. **Database:** MS SQL Server 2000
6. **Hardware:** Intel 8085 microprocessor

Projects Undertaken:

1. **Title** : **Airline Reservation System (FPGDST-DBMS module)**
   Tools used : Visual Basic, MS SQL Server 2000
   Team size : 4
   Role : Team Member
   Description : We developed a online airline reservation system complete with fight route search capability for multiple hops and connecting flights. As an extension we also developed the system for passenger checking at the airport. The entire system was developed according to the business rules currently in force in the airline industry.

2. **Title** : **Simulation of TCP/IP stack (FPGDST-CNET module)**
   Tools used : C/C++
   Team size : 4
   Role : Team Leader
   Description : We simulated the working of the whole TCP/IP stack. Routing algorithm used is Shortest Path routing and for congestion control we are using Sliding Window with Selective Repeat.

3. **Title** : **Network File System for LINUX (FPGDST-COOS module)**
   Tools used : C/C++
   Team size : 5
   Role : Team Leader
   Description : We simulate a simple network file system, which allowed directories and files to be shared across a network, and transparently accessed. A simple security mechanism was also implemented.

4. **Title** : **Development of a Framework for Telemedicine System Incorporating an Ad-Hoc Wireless Network** (B.Tech. Final year project)
   Tools used : Network Simulator – ns-2
   Team size : 5
   Description : We developed a methodology by which medical services can be provided at or close to the home of the patient using fully equipped mobile telemedicine systems.

Training Undertaken:

1. 4 Weeks(June 2002) training at National Thermal Power Corporation Ltd.(NTPC-Dadri) comprises of the O&M procedure in various areas of Coal (840MW) and Gas (830MW) Power Plant.

2. 3 Weeks (Dec. 2002) training at AUTOMATION & INFORMATION TECH., C.R. PARK, NEW DELHI comprising of installation, logic development and programming of PLC based automation system. It also involved a practice project of automating a Car Assembly Line simulation.

3. 1 Week(July 2003) training at SCADA LAB, Dept. of Electrical Engineering, JMI comprising of theoretical and practical training of SCADA/DCS Systems.

Extra Curricular Activities:

1. Member of Student Interest Group (SIG) at CDAC (formerly NCST), Bangalore
2. Active member of the Institute of Electrical and Electronics Engineers (IEEE).
3. **Treasurer** of the **IEEE - JMI Student Branch Executive Committee**. Actively volunteered in organization of various IEEE events such as ENCOMIUM 02 and ENCOMIUM 03 (Technical Festival), and LABYRINTH '03 (Treasure Hunt).
4. Participation in **Quiz competitions and Computer programming contests**.
5. **House Captain** of my house in school.

Personal Details:

Father's name	**:**	**Mr. S. K. De**
Mother's name	**:**	**Mrs. Tapasi De**
Languages known	**:**	English, Hindi, Bengali
Passport available	**:**	Yes
Hobbies	**:**	Reading novels, experimenting with new things.

I assure that the information given above is true to the best of my knowledge and belief and that I shall satisfy my seniors by my hard work, dedication, cooperation and sincerity while attaining organizational goals.

Date: 27 February 2006
Place: Chennai

[SAPTARSHI DE]