

Indrajit Sengupta

indrajit_sengupt@hotmail.com

Objective

I am offering my expertise to your esteemed firm with foresight to implement and hone my present skills and experience. My aim is to grow as an individual and to contribute to the growth of the firm en-route.

Qualification

I have a First Class, Bachelor of Engineering (**BE**) degree in Computer Science and Engineering from BMS College of Engineering, Bangalore.

Experience Summary – 4 years 11 months - November 1998 to present

- Analysis, Design and Development
- Client Interaction
- Requirements Gathering and Features Intelligence Research
- Project Management
- Version Control
- Product Packaging, Installation and Launch

Technical Skills

Operating Systems	:	Windows 2000, Windows NT, Windows 95
Languages	:	Visual Basic
Middle Tier Management Systems	:	COM+, Microsoft Transaction Server
Scripting Languages	:	ASP, Jscript
Markup Languages	:	XML, XSL, HTML
Reporting Tools	:	Crystal Enterprise, Crystal Server Pages, Crystal Reports
IDEs and Tools	:	MS Visual InterDev, MS Visual SourceSafe
Database Systems	:	MS-SQL, MS Access
Knowledge of the following	:	C, C++, CGI scripting, Macromedia Flash, Photoshop, Install Shield and MS Office

Career Profile

I am presently working, since June 2001, for SCT Software Solutions, formerly Sallie Mae Solutions, a division of Sallie Mae, USA. Sallie Mae Solutions has been bought over by SCT as of September 30, 2002. SCT creates and delivers a range of business and technical solutions to colleges and universities in USA. This suite of products (formerly known as Exeter Student Suite) is collectively called **SCT Matrix™**. This suite provides rapid and reliable access to centralized information for administrators, as well as the convenience of secure Web integration for the entire campus community. This suite is configured to meet the diverse requirements of each department, school and campus supporting Admissions, Financial Aid, Registration, Student Housing, Student Billing, Career Services, Alumni Development and many more functions.

I have been working for the past two+ years in the CMN-SMS team. CMN or Common is the base underlying structure that the other applications of the suite depend on. This application takes care of all the implementation requirements for an installation of the suite. Some examples of there are Rule Definitions, Profile Definitions, Security Structure Definitions, Entity Definitions among numerous other such functions. I have managed teams that have varied in size (as per function requirements) from 1 to 15. I have single handedly designed, developed and implemented the **Reporting Architecture** that the entire suite uses. I have been involved in the **re-architecture of the middle layer** and **database fine tuning** to improve performance and scalability. Apart from this I have developed or trouble-shooted many of the functions. SMS is the Student Marketing System and this application is for admission and hand off of an applicant/prospect to other applications once he becomes a student. Here too I have developed many of the functions, fixed numerous issues, re-architected the middle layer and fine tuned database.

Period	:	June 2001 to present.
Position	:	Senior Software Engineer
Team Strength	:	Thirty (CMN-SMS). Complete Suite team strength - 80 plus.
Architecture	:	N-tier
Front End	:	Active Server Pages, XML islands, XSL, Jscript and HTCs.
Web Server	:	Microsoft Internet Information Server
Reporting Tools	:	Crystal Enterprise, Crystal Server Pages, Crystal Reports
Middle Tier Programming Language	:	Visual Basic 6.0
Middle Tier Management System	:	COM+
Database System	:	Microsoft SQL Server
Platform	:	Microsoft Windows 2000 Advanced Server

I worked at Limitless Software India Pvt. Ltd., a sister concern of Limitless Inc. USA, since November 1998 till June 2001. I got my first taste of **Leadership Experience** there as **Project Leader** SchoolSpace™, in charge of a development team of 20 people from December 2000 to June 2001. These are the following projects I was involved in :

SchoolSpace™

SchoolSpace is the first comprehensive, multi-functional, browser-based School and District Management System that enhances the entire educational environment for everyone : administrators, teachers, students and parents. SchoolSpace uses proprietary, *School Enterprise Architecture™ (SEA)*, which provides a single, secure database structure that organises, stores and retrieves real-time information. It uses the *SchoolSpace Analysis Suite™* to provide comprehensive comparative, trending and holistic evaluation tools and expanded graphical analysis. It also has a very robust security structure. SchoolSpace Beta Version was launched in November 2000, and was installed at numerous schools, which volunteered to be Beta sites, all over the United States. SchoolSpace has won several national awards for being the best school management software in America such as the Media & Methods Magazine AWARDS PORTFOLIO 2001.

Period : December 1999 to June 2001.
 Position : Senior Software Engineer, Project Leader
 Team Strength : Twenty
 Architecture : 3-tier
 Scripting : Active Server Pages and JScript
 Web Server : Microsoft Internet Information Server
 Reporting Tools : Seagate Crystal Reports
 Middle Tier Programming Language : Visual Basic 6.0
 Middle Tier Management System : Microsoft Transaction Server
 Database System : Microsoft SQL Server
 Platform : Microsoft Windows NT
 Responsibilities :

- Responsible for deciding on the architecture, programming tools and the DBMS to be used for this product.
- Involved in the requirement gathering and design of all three tiers for numerous modules.
- Involved in the development and implementation of these modules.
- Involved in the launch of the Beta Version from September 2000 to November 2000 in USA. This involved overlooking installation of SchoolSpace at schools which volunteered to be Beta Sites. This also involved making functional and design changes to the system at these client sites (schools), based on individual client needs.
- Later I was in-charge of all development work for this project in India from December 2000 to June 2001. As Project Leader and my responsibilities included :
 1. Version control and Visual SourceSafe Administration.
 2. Work allocation to the team.
 3. Interacting with the QC department and prioritising bug fixes.
 4. Interacting with the US office and keeping them posted on all development fronts and prioritising the development of new modules and features.
 5. Sending patches/fixes to the Beta schools as and when required.
 6. Design, Analysis, Development, Implementation and Integration new modules/functions.

SPECS™

SPECS is a product which enables to better manage a school in a more effective way. SPECS has a powerful Student Performance Analysis system which provides in-depth graphical and textual reports of student performance in all areas. It's School Management system include features like : Faculty Evaluation, Fee Collection Module, Syllabus Coverage.

Period : June 1999 - December 1999.
 Position : Software Engineer
 Team Strength : Fifteen
 Architecture : Desktop/Client-Server
 Programming Interface : Microsoft Visual Basic 6
 Database System : Microsoft Access 7/ Microsoft SQL Server
 Platform : Microsoft Windows 95 / Windows NT
 Responsibilities :

- Involved in the requirement gathering, design, development and implementation of the *Flexi-Reports* Module : a reporting tool that lets the user create templates for marks cards and fee receipts etc.
- Involved in the requirement gathering, design, development and implementation of the *Promotion Formulator* Module.

Infobin™

InfoBin is a powerful Customer Resource Management (CRM) System which provides a completely unique customer database solution. This is a product for firms involved in contact management activities, and all sales and marketing related firms interested in keeping close contact with their customers. InfoBin combines contact management, sales automation and mail list management. It has mail merging capabilities, comprehensive contact-history tracking, questionnaire creation, response capture, response follow-up capabilities and a powerful Scheduler. It allows graphical analysis of the complete database and response and mailer analysis.

Period : November 1998 to June 1999
 Position : Software Engineer
 Team Strength : Seven
 Architecture : Desktop
 Programming Interface : Microsoft Visual Basic 5
 Database System : Microsoft Access
 Platform : Microsoft Windows 95
 Responsibilities :

- Involved in numerous minor and major bug fixes through out the software.
- Involved in the requirement gathering, features intelligence research : researching competitor products like ACT and Microsoft Outlook, and design of the database for the Scheduler Module.
- Involved in the design, development and implementation of the Scheduler.

Curriculum Projects

Apart from the usual projects that are part of the BE curriculum like design of **Text Editors, Graphic Editors, RDBMS - Client Server Applications**, I also worked at **Siemens Information Systems Ltd** during my final year at college on an in-house project - the **SISL Timesheet**. OmniHTTP Web Servers, HTML, and Data access classes and CGI scripts written in C++ were used to implement this. This was developed as an Intranet application for the users – the employees at SISL, to fill in their daily timesheets. No database management system was used and the data was maintained as ASCII files and managed by the application itself.

Personality traits

- Excellent communication skills
- Work well under pressure
- Team player
- Creativity and vivid imagination

Other Interest

- I am a core group member of Culture Café Bangalore, under the aegis of the British Council, which works on conceptualising, planning, publicising and executing events in the areas of Poetry, Music, Dance, Drama, Visual Art, etc. I have worked on numerous theatre productions brought out by Culture Café and other theatre production groups.
- I was the Editor of numerous college newsletters like BIOS – Newsletter for BMSCE Chapter of the prestigious Indian Society for Technical Education and UTSAV (cultural festival of BMSCE).

About me, the person:

Date Of Birth : 20th June 1976
 Sex : Male
 Passport Number : A8943217
 Nationality : Indian
 Marital Status : Single
 Languages known : English, Hindi, Bengali and Kannada.
 Address : *Indraprastha*, #61, K K Enclave, Quality Farm House, Uttarahalli Circle, Bangalore, India - 560061
 Phone : (+91) 98860-44644, (9180) 6390655,
 E-Mail : indrajit_sengupt@hotmail.com

References

- Joshua Barton, Managing Director, Limitless Software India Private Limited, Phone (9180) 3337782
- Joe Joseph, Technical Director, Limitless Software India Private Limited, Phone (9180) 3337782