



3, Geet Vihar Apartment, In Front Of St Xeviouir School, Phone(R): (91) 240 2476588
Sector A , Plot No 97, N1, CIDCO,
Aurangabad(M.S.) INDIA

E-Mail:
sndeshmukh@hotmail.com
sacsondes@yahoo.com

Sachin N Deshmukh

Having total IT experience of around ten years of which, six years is in the development and also had experience in teaching of more than eight years. Most of the exp. is in Microsoft Visual Basic, Oracle, JAVA, J2EE, Microsoft Visual C++, also have an expertise on XML, Java Scripts, ASP. I have also received the appreciation from University for development of Administration software Currently working in the area of Knowledge Discovery.

Summary.

Qualification: M. E. (CSE)

Research Interest: Knowledge Discovery

Developed

- University Administration Software for Dr B A M University, Aurangabad using VB and Oracle
- Interactive Website for University (getting launched on 14 of Jan,2004) using HTML, XML, ASP and MS Access Database
- School management Software with Marathi support in VB and Oracle
- Payroll Management Software using VB and Oracle
- Software for after sales services for Macotek Consultants (sister concern of Videocon) using VB and Oracle
- A software for Mobile call office using VB and MS Access
- Website for High Court using HTML and Java
- A travel planner software HTML, Java and MS Access Database
- Computer based Answering Machine using TAPI/SAPI in VC++
- Conducted 7 training programs on J2EE, VC++, VB in Engineering College

Skills and Awareness

Operating System	: Windows9x/2000, RedHat Linux
Programming Languages	: Java, C++, VB, VC++
Presentation Languages	: HTML, Java Swing
Scripting Languages	: Java Script 2.0, VB Script, XML
Interfacing Languages	: ASP, Java Servlets, and JDBC
RDBMS	: Oracle 8
Tools/Software	: MS Visual Interdev 6.0, Jedit, , Kawa, JBuilder
Parallel Programming	: MPICH and OpenMP with C++ (PARAM 10000 and SUNFIRE)
Designing and Testing Tools	: Rational Rose Enterprise

Work Experience

Aug,1994--May,1995 Mandar Education Society Chiplun As a Lecturer
Aug,1995--Dec,1997 College Of Engineering, Kopargaon As a Lecturer

Jan ,1998--Till Date Dr B A M University, Aurangabad India as a Lecturer and In charge

Officer Computers and Internet

The job in University relates the teaching to the MSc Computer and IT students and development of the software for University Administration. Also the work of development of the Website was given.

In addition to the job in University, I have started the development Centre and Consultancy in the city giving solutions mainly in Database projects. The companies like Nath Paper, Nath Seeds, Videocon, Garware were given the training and Consultancy for porting their development from FoxPro to VB and Oracle. Expert Solutions, a software development Company, is given the Consultancy for the use of COM technology in VB development and VC++ development.

Projects handled

University Administration **Dec 2002-Oct-2003**

Client & Location : University Aurangabad
Role : Project Manager
Environment : VB and Oracle

Synopsis : University administration project was undertaken by the University for handling the day to day activities in the University. The section involved here are Accounts, Establishment, Post Graduation, Academics, Statistics and Planning Salary, Stores, Inward /Outward and Special Cell. All the section stated above use the common data and the working is interdependent. The load on the system is tremendous as 225 colleges and 30 Departments are affiliated to University. In addition to the integrated data and easy reports, the software also helps for the correspondence with UGC and Government Of Maharashtra.

Contribution

- Gathered the requirement from different Section
- Analysis o the data collected with the help of the System Analyst
- Design of the database
- Distribution of the work between One Analyst and Four programmers
- Solving the difficulties of the programmers

Website For University **Oct 2003 - Sep 2006**

Client & Location : University, Aurangabad
Role : Project Manager
Environment : HTML, ASP, Java, MS Access

Synopsis : The website is developed mainly for providing Research related information about the research activities that are going on and had been done in the University. So that someone interested in the topic of research can share the information with the faculty of the university. Also the general information with News, different Forms, activities, Courses run in the Campus and their details are also provided. Second phase of development will give online results and Results on Telephone.

Contribution

- Developed the product from prototype stage to version release
- Decided Technologies to use.
- Decided Architecture of the website
- Contributed in ASP and Java programming

Field Call Report

Client & Location : Macotek Consultants (Sister Concern of Videocon) Aurangabad
Role : Software Developer (Size 2)
Environment : VB6 and Oracle

Synopsis : Macotek Consultants is a sister concern of Videocon International which takes care of all the after sales services to the products sold by Videocon. The project was designed for all layers of the support Centers that is, Zonal Office, Subzonal Office and the Branch. The installation time specifications had got all the settings about the type of service center. The data related to the services, the type of the product and spares needed to repair were the main concerns in the design. The process of data transfer according to hierarchy was also included in the project such that the data collected through net or disk is checked at the center and complete data be sent to the higher office. The HQ was given set of reports to analyse the faulty product, spare commonly required etc.

Contribution:

- Designed the database
- Designed the screens in VB
- Written the Code in VB with Oracle support

MIS for Macotek

Client & Location : Macotek Consultants (Sister Concern of Videocon) Aurangabad
Role : Software Developer (Size 2)
Environment : VB6 and Oracle

Synopsis

The project manages the data regarding the sales of different product , stock positions , Invoice Management, sales and purchases. It collects the data from different stations and then different reports are printed

Contribution

- Designed the database
- Designed the screens in VB
- Written the Code in VB with Oracle support

Payroll Management

Client & Location : Hevea Pvt Ltd Aurangabad
Role : Software Developer (Size 2)
Environment : VB6 and MS Access

Synopsis

It gives the payment system for the company. The attendance is taken directly from punch card system.. The editing facility is given for the data collected from punch card system. The forms required for Income Tax and PF are also included into it

Contribution

- Designed the database
- Designed the screens in VB
- Written the Code in VB with Oracle support
- Provided the support

School Automation

Client & Location : St Lawrence School Aurangabad
Role : Software Developer (Size 2)
Environment : VB6 and MS Access

Synopsis

The software is to design to prepare the mark lists in Marathi scripts. The mark sheet have every details like attendance, date of birth, class highest and division highest in subject and grand total. Along with this, fees collection from student, payment system etc was given

Contribution

- Designed the database
- Designed the screens in VB
- Written the Code in VB with Oracle support
- Provided the support

Advocate Helper

Client	A Product
Role	Software Developer (Size 1)
Environment	VB and MS Access

Synopsis

The software maintains the Advocate diary, personal diary, client details, account details, ready made application formats and fast editor for legal typing. Editor is intellisense like in Microsoft's which gives the selection of words as you start typing.

Contribution

- Designed the database
- Designed the screens in VB
- Written the Code in VB with Oracle support
- Provided the support

A travel Planner

Client	M/S Katti Infotech
Role	Software Developer (Size 1)
Environment	DHTML, Java Scripts, Java with JDBC and Servlets

Synopsis

The software was designed to plan an economic tour or business tour. The GUI was sufficient to give the information about when to go and where to go. Using shortest path algorithms the software can give you the shortest path by considering the distance in time as the weight for business tour and by considering the fare as the weight for economic tour. The time table was taken into consideration to get availability of next plane. The time required was involved the waiting time for next plane.

Contribution

- Involved in basic design methodology for site development and login to be used.
- Wrote design document.
- Code the Java part involving the SPA
- Developed test plans and test cases.
- Lead in development of programs and architecture.

Computer Based Answering Machine

Client	A product
Role	Software Developer (Size 1)
Environment	VC++ 6, TAPI and SAPI

Synopsis

The software uses modem for A to D and D to A conversion. Using modem the incoming call is detected, a message written by receiver is played using SAPI and callers message is stored in Text as well as speech form.

Contribution

- Total design, coding and testing is done.

Trainings undergone

- SEED program arranged by Rational Software giving training on Rational Rose Enterprise suit is attended. (5 days).
- Workshop on Parallel Computing organized by IIT Delhi covering Parallel Computing using MPI and OpenMP programming.(5 days).

Education

- B.E. (Computer Sci and Engg) Aug 1993 SGGS COE, Nanded
- M.E. (Computer Sci and Engg) Nov 2006 COE, Aurangabad

Date of Birth 18th June, 1971

Projects Guided:

More that 25 projects are guided at Graduate Engineering and M Sc level

Subjects Taught:

1. Operating Systems
2. Compiler Construction
3. System Programming
4. Data Structure
5. Principles of programming Languages
6. Computer Network
7. DBMS
8. Computer Graphic
9. Java Programming
10. Web Technology
11. Dot NET TEchnology