

Ravi S. Iyer: Industry Work Experience

Industry Experience Overview

18 years in software development industry (in U.S., Europe, Far East Asia and India) playing roles right from programmer, designer, project manager, software development manager to finally a software consultant role. Have also been a trainer teaching programming & design in industry; Retired from commercial work in Aug. 2002.

Employment/Consultancy History

Jul 2001 to Aug 2002

Technical Consultant with CelPro (a Dutch startup), SEEPZ, Mumbai.

Nov 1993 to Jun 2001

Technical Consultant with Mastek, SEEPZ, Mumbai.

Mar 1993 to Oct 1993

Freelance Corporate Training Instructor in Mumbai.

Jun 1990 to Nov 1992

Employed as **Software Manager with Boshu Technics** (a startup), SEEPZ, Mumbai.

Mar 1984 to May 1990

Employed with **Datamatics Consultants**, SEEPZ, Mumbai; Started as Trainee Programmer and last position with Datamatics was **Project Leader**.

Major Projects (on-site and off-site)

Product Development (Description: Technical Areas Involved)

- **Application Framework on .Net** to easily build database forms oriented web applications, for Dutch customer: Architecture, OOAD, ASP.Net, C#
- **Internet User Profiling Product** for EngageTech, USA: C++, TCP/IP, Multi-threading, ISAPI, NSAPI, CGI, Windows NT, Sun Solaris, IIS & Netscape web servers, ODBC, Internationalization
- **Visual Interface for Object Oriented Business applications tool** for Mastek, India: GUI Design, OOAD, Visual C++

- **Automated Tester for Computer Telephony Interface product** for Japanese customer: C++, Windows, Multithreading, Windows Hooks
- **Document Imaging Indexing product** for Discorp, USA: Windows, C, Oracle, Imaging software
- **SMTP E-Mail Gateway** for Wang Laboratories, USA: Unix, X.400, X.500, Sendmail, TCP/IP, OPEN/OFFICE, C
- Port of Banyan Vines **PC LAN OS Backup utility** from Unix to Wang VS OS for Wang Laboratories, USA: Wang VS OS, Unix, Banyan Vines, RPC, C
- **Response module of Wang VS Videotex** software for Wang International Telecommunications Research Centre, Belgium: Wang VS OS, VS Videotex, VS Assembler, C
- **Wang VS Operating System Services Quality Assurance** for Wang Laboratories, USA: Wang VS OS, OS Dump Analysis Tools, VS Assembler, C
- **Wang Word Processor (WP/WP+) Archiving Utilities** for Wang Laboratories, USA: Wang VS OS, VS Assembler
- **Window Manager study** for Baan Info Systems, Netherlands: X-Windows, Microsoft Windows, UNIX, SunOS
- **Executive Information System** Product for Boshu Technics, India: X-Windows/Motif, C, Informix

Custom Software Development (Description: Technical Areas Involved)

- **Service Management application** for Dutch customer: OOAD, ASP.Net, C#
- **Process Simulator** for German customer: Architecture, OOAD, C++ & Multithreading
- **ActiveX Graph Controls** for Wireless Devices Monitoring for Japanese customer: Visual C++/MFC, ATL/COM
- **Container Routing Support System**, SeaLand, USA: Visual C++, ATL/COM, ActiveX controls, Windows NT Services, XML.
- **Electronic Orders Input System**, SeaLand, USA: Visual C++, Pro* C/C++, Oracle Objects for OLE, ADO, Multithreading

- **Property Appraisal software** for US customer: Windows GUI Design, Visual Basic Coding Guidelines
- **Patent and Annuities software** for UK customer: SQLWindows, Windows API, Windows GUI Design
- **Stores Management System** for Indonesian customer: Visual Basic, Windows GUI Design
- **VAX/Rdb COBOL to Unix/Informix COBOL Conversion software** for Busy GmbH., Germany: C, ESQ/COBOL, Informix, Unix, VAX/Rdb
- **Document Imaging Indexing System** for ImageX, USA: Windows, Sun Solaris, Imaging software, Oracle, Progress
- **Business Application projects** (Register & Transfer of Shares, Personnel Payroll etc.) for Datamatics, India: Wang VS OS, COBOL, BASIC

Others (Description: Technical Areas Involved)

- **Wrote a GUI Design guide** for Business Applications for Mastek, India.
- **Designed and conducted training courses** for well-known companies in Mumbai, India: Windows programming, C/C++ programming
- **Instructor for in-house COBOL training** for Datamatics, India: Wang-VS, COBOL

Academic Qualification

B.Sc. (Physics) in 1983.

Dropped out of M.Sc. (Physics) due to financial problems. That turned out to be a blessing in disguise as I was able to enter the software industry at a younger age 😊.