

Jeffrey Hyson • jeff@abstract-engineer.com

Raleigh, NC 27615 • (919) 306-4971 (m) • (919) 321-8444 (h)

SENIOR .NET SOFTWARE ENGINEER

Expert Microsoft Windows software developer/architect with a proven track record for:

- ✓ Getting the job done.
- ✓ Delivering quality software on-time and under-budget.
- ✓ Increasing customer satisfaction.

Proficient in methodologies that streamline the SDLC and reduce costs to an application development organization:

- Agile work methodologies.
- Design patterns.
- Modeling and UML.
- Object-oriented analysis, design and development.
- Problem Resolution.

PROFESSIONAL EXPERIENCE

2004 to Present

[BMC Software - Identify](#), Cary, NC – Principal Consultant

Senior member of the professional services organization working with clients at pre & post sales engagements delivering service solutions at customer facing activities: deployments, implementations, training, coaching and proof of concepts.

- Company develops a Problem Resolution Acceleration product at the OS level.
- Clients are Fortune 500 companies (Banking/Financial Services, Healthcare, Insurance, Retail, Software/Technology) in the US and Europe.
- Customer satisfaction and revenue increased as a subject matter expert in both the SDLC and AppSight Problem Resolution System.
- Various tools and integration software developed and maintained for Windows XP/2003, C#, ASP.NET, Web Services.
- Technical articles & formal presentations created for both external & internal customers.

1993 to 2004

[Abstract Engineer](#), Domestic and World Wide Assignments– Independent Contractor

Independent contractor hired by multi-billion dollar companies and startups to architect/design/code the toughest projects and solve the hardest problems in the shortest time possible.

WorldCom/MCI – Telecommunication

- Efficiency gains dramatically increased.
- Team leader, designed and developed software eliminating manual processes and procedures.
- Windows XP/2000, C#, COM Interop, ASP.NET, XML, Cold Fusion, ASP, BHO for Internet Explorer, DOM & JavaScript, Exchange & Outlook add-ins.
- Custom ETL code, Oracle 9i data warehouse: PL/SQL, SQL Server 2000: T-SQL.

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Sold to Startup Companies

- Designed, developed and supported COM email component.
- Extracted: messages, address books, accounts, configuration preferences.
- Supported: MS Exchange, Microsoft Outlook, Outlook Express, Netscape Messenger, Eudora.
- C++/ATL, MAPI, WAB API, NABAPI, Reverse Engineering.

PIDC – Israeli Gaming Startup

- \$18M contract delivered on time and under budget.
- Team leader, designed and developed software to seamlessly integrated a Motorola wireless radio message switch into an existing land based game network.
- Windows NT, Windows Service, Visual C++, multi-threading, I/O Completion Ports, Overlapped I/O, Sockets: TCP/IP & UDP/IP, RS-232 Serial communication, clustering.

Veritas (The Kernel Group) – Software

- Increased revenue from the development of a new medical case management system.
- Designed and developed 3-tier application used in hospitals.
- Windows NT, Visual C++, Visual Basic, COM, ADO, ODBC, Oracle 7: PL/SQL, MS SQL Server 7: T-SQL, Crystal Reports.

Bankers Trust - Wall Street Bank

- \$50M annual savings from the replacement of duplicate trading systems.
- Team leader, designed and developed an open framework system for common instruction entry & qualification.
- Portable C++ code for OpenVMS and Windows NT, scalable, n-Tier architecture, multi-threading, asynchronous I/O, TCP/IP communications, message queuing.

Quest Diagnostics (MetPath) – Clinical Laboratory

- Revenue loss avoided and customer satisfaction increased with the on time delivery of mission critical software.
- Secured EDI data transfers with various vendors.
- Developed, implemented and supported ASTM E 1381-91 data communication and HL7 data framing communication protocols.
- OpenVMS, C++, Rdb SQL database, multi-threaded GUI.

EDUCATION

Stevens Institute of Technology, Hoboken NJ
Master of Science - Computer Science
Bachelor of Engineering - Electrical Engineering