

Hugh D. Hyatt

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CAREER SUMMARY

Senior Software Engineer with more than 20 years of software development in a wide range of environments and for a broad spectrum of clients. Unique combination of business savvy, exceptional interpersonal skills and technical excellence. Strengths include analysis, problem-solving, innovation and leadership. Provides software solutions integrated with business goals. Proven leader with demonstrated track record of mentoring and inspiring staff.

PROFESSIONAL EXPERIENCE

LEGEND CONSULTING, Willow Grove, PA

1993–Present

Owner / Consultant

Develop innovative custom software to meet the business needs of such clients as Ford Motor Co., The Brickman Group, Situs Properties, Shaker Computer & Management Services, Bluestone Consulting, GO Network Solutions.

- Reduced production scheduler time by 75%, analyst time by 35-40%, and premium freight charges by \$100,000 — avoided significant inventory obsolescence at a Ford assembly plant.
- Developed custom software that enabled Brickman to remain profitable and facilitated their growing to be one of the three largest landscaping companies in the U.S., with nearly \$1 billion in revenue and hundreds of branches.
- Wrote an RFP for Brickman that provided demonstrable savings of \$72,000 per year with zero investment on telecommunications bills that had been running \$800,000 per year.
- Integrated custom construction estimating and payroll time card entry modules into a construction industry software package, enabling Shaker, a value added reseller, to sell and install improved software with no impact on their customers' businesses.
- Converted Brickman's legacy database records to Oracle for 7,000 employees, 10,000 projects, 14,000 customers, 15,000 open invoices, 11,000 vendors, 6,000 fixed assets spanning over 100 different organizational entities and 4 databases.
- Developed custom organizationally-based hierarchical security for software access.
- Provided ability to download personnel data from database into Excel and create Personnel Action Form using .NET.
- Wrote software to produce recurring invoices in batches from database and download via .NET into Excel for printing.
- Developed code and process for integrating payroll data from Progress database into Windows Active Directory.

4R SYSTEMS, Wayne, PA

2005–2007

Senior Software Engineer

Maximized customers' revenue and profits through development of inventory management software using C++ and SQL Server.

- Implemented price optimization engine for seasonal and discontinued retail goods. Code maximized overall revenue and profit by determining optimal date and magnitude of markdowns, based on historical seasonality, pricing and sales data.
- Wrote reorder-point calculator to optimize replenishment orders at the warehouse level for a given set of lead times, delivery times and projected unit sales.

DEVON IT, King of Prussia, PA

2003–2005

Software Application Analyst

Provided fully functional desktop systems for less than half the price of a PC by producing systems software to support these Linux-based products which ran Windows applications on remote server.

- Implemented GB18030 (~1,100,000 native character) support for Linux-based security platform for exclusive resale in China.
- Developed process to create security platform installation CDs from source code, including custom modifications.
- Led two consecutive efforts to design software for proprietary IBM-based replacement product.
- Delivered backup/restore and upgrade capabilities, prototyped integration of SecurID authentication, wrote system test plan, and conducted scalability testing for proprietary IBM-based replacement product.
- Produced six reversible routines to customize software for security platform product.
- Administered in-house wiki.

LIBERATE TECHNOLOGIES, Horsham, PA**1999–2002****Software Engineer**

Developed system software for digital TV set-top box.

- Enhanced multi-platform interactive TV client software for DiviCom set-top box and Scientific Atlanta Explorer Series, using an object-oriented model in plain C with data structures in class notation.
- Reduced screen refresh time from 70 ms to 1.7 ms and video memory usage from 1800 K to 1200 K on SA Explorer 2000 set-top box by tuning graphics driver libraries.
- Developed consistently reproducible build process in a mixed operating environment for releases of software running on multiple operating systems (Windows, embedded set-top box systems).

PLATINUM TECHNOLOGIES, Blue Bell, PA**1998–1999****Senior Software Engineer**

Supported and enhanced multi-platform (Unix, Windows, mainframes) installation scripts and related files for POEMS (common infrastructure for Platinum's ProVision product line).

- Enhanced 20,000-line installation scripts to support common configuration file paradigm within an enterprise-wide repository. These scripts conditioned such target system environments as Windows registry, default parameters and environment variables. Also initiated services and software programs on target systems as required.
- Eliminated almost 100 bugs and added support for 12 major new products and features, which improved productivity of field support personnel and customers by reducing the number of required user interactions.

McKESSON INFORMATION SYSTEMS, Malvern, PA**1996–1998****Senior Software Engineer**

Produced decision-support software for medical claims payers.

- Delivered, on schedule, an application utilizing very large (107-108 claim lines) episode-oriented multi-dimensional databases (MDB). This software validated data submitted for member, provider and claims extracts (46,000 lines of code), assigned pharmacy claims to medical episodes (9,400 lines), and summarized multi-dimensional data for loading into MDB cube (3,400 lines).
- Awarded \$500 for outstanding quality of software.

UNISYS CORP., Blue Bell, PA; Devon PA; Detroit, MI**1977–1992****Director, Network Product Systems**

Progressed through four levels of engineering management, from Section Manager, to Department Manager, to Program Manager, to Director. Supported and developed front-end processor software for Medium Systems mainframe product line. Produced networking software to enable Unisys mainframes to be sold into IBM shops. Designed solutions to meet very large customers' telecommunications needs.

- Implemented software expected to generate \$55 million in network processor and related software revenue, while helping the company avoid losing significant market share.
- Developed peer networking software that sustained Unisys as a viable mainframe manufacturer and sold millions of dollars worth of mainframes. The company thereby retained significant revenue and profits, and maintained tens of thousands of jobs that would otherwise have been lost.
- Led teams to establish networking strategies for Fortune 500 companies, major financial institutions and government agencies, including disclosure of product plans and strategic direction (e.g. Westinghouse, N.Y. Clearing House, Dept. of Defense and World Bank).
- Saved \$30 million contract by matching requirements to product capabilities and designing networks for Suffolk County (NY).
- One subordinate awarded corporate Achievement Award of \$5,000 (maximum amount).

EDUCATION

UNIVERSITY OF DELAWARE, Newark, Delaware

B.A. in History

AFFILIATIONS

- Association for Computing Machinery
- Institute of Electrical and Electronics Engineers
- American Management Association
- Independent Computer Consultants Association (Chapter Board Member)
- Loving Arms Mission (Board Member, Treasurer)
- Bryn Athyn Fire Company (Board Member, Treasurer)
- Eastern PA GSA (Alternate Delegate, Chairperson, Secretary, Treasurer)

TECHNICAL PROFICIENCIES

- C/C++, Assembler, Pascal, ALGOL, COBOL
- Perl, Python, Unix shell scripts
- TCP/IP, SNA, .NET
- X Windows, MS Windows, HLLAPI
- Oracle, SQL, SQL*Plus, PL/SQL, Progress, SQL Server
- TOAD, PL/SQL Developer, SQL*Loader, DataLoad6.93
- Linux/Unix (Dynix, Gentoo, LFS, Mandrake, Red Hat, Rock, Sun, SuSE, Ubuntu)
- Adobe Photoshop
- Microsoft Office products
- OpenOffice.org products
- PCs (Windows)
- IBM mainframes, Unisys A & V Series
- PowerTV, SARA
- Scientific Atlanta Explorer