

Paul C. Vollmar

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Professional Profile

Paul Vollmar recently retired as an I/T Specialist in the IBM Enterprise Application Development Practice based in Mechanicsburg, Pennsylvania. The practice is responsible for providing custom application development services for e-business solutions, including design, development, project management, system integration, testing, and other consulting services around our application development competency.

Mr. Vollmar has over 26 years of experience in technical support and services. He has over 20 years experience consulting with customers on the design and implementation of networks and networked applications, with more recent experience in Java programming, web hosting and web applications.

Experience and Accomplishments

Web Developer

Currently providing web development services for the IBM Business Consulting Services internal web site. Responsible for planning and implementing all site content, writing JavaScript applications to enhance the usability of the site, and working with a large number of content providers to insure the best presentation of their material. Converted the existing site from raw HTML coding to NetObjects Fusion, and manages the publication of the site on the AIX test, staging and production servers.

Information Developer

Provided information development services for the IBMLink2000 Entitlement Administration project. Responsible for writing help text for all the application screens, and developing the Java server program files to display the help text when called as part of the WebSphere application transactions.

Programmer

Used the platform-independent capabilities of Java to write an OS-portable application to replace a set of OS/2 REXX programs that processed text files and produced project management reports for a client. The program not only duplicated the processing of the REXX code, but also provided a complete graphical user interface that greatly expanded the flexibility and usefulness of the PM reports. The client is also positioned to run the program on the existing OS/2 server as well as Windows/NT and UNIX servers.

Programmer

Gathered and analyzed limited documentation available for a failing data retrieval system written in a software language no longer supported by its vendor, on an operating system being phased out of support, written by employees who had either left the client company or moved on to other projects. Wrote and implemented a testing procedure which revealed the cause of the system failures, and provided the information necessary to correct the software and operating procedures for the system, within one-third the time frame expected by the customer.

Systems Engineer

Led an effort to analyze and resolve response time and throughput problems in a client network of several hundred application servers. A heterogeneous network topology of both satellite and frame-relay connections made the effort especially complex. Drawing on both product and networking expertise at IBM plant and technical sites, delivered a comprehensive tuning document to the client, complete with explanations of the tuning techniques applied and specific recommendations for implementation. The client reported significant and measurable improvements in their network performance by utilizing these recommendations.

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Programmer

Wrote an application to replace an existing Fortran program used at a small engineering firm to analyze check valves used in the nuclear industry. The application not only provided a state-of-the-art user interface, but a previously unavailable database capability that greatly increased the productivity of the firm's engineers while on-site. Not only did this increase the firm's bottom-line profit for their engagements, but they were also able to market the software itself as a separate product for their customers, with a gross revenue of 30 times their initial project costs.

Education and Background

- Certified Java2 Programmer
- Certified JavaScript Programmer
- Certified HTML Programmer
- MBA in Management from Texas A&M University
- BS in Physics from Texas A&M University