Bob Paul, Madison-Atlantic Software

48 Antler Drive, Big Flats, NY 14814
607.562.8921, 607.562.7246 FAX, bob@madison-atlantic.com
www.madison-atlantic.com

Summary

Mission
To use my technical and leadership skills in consulting engagements involving general software development, with special interest in

- Web applications in PHP/MySQL/AJAX environments
- Enhancements and maintenance for TCM® installations from Workwise® (formerly EMS®)
- Data exchange (bridging) between VAX/ALPHA and PC/Web environments.
- General applications in VAX/ALPHA and PC environments.

Personal Attributes
Proven achiever, creative leader, strategic thinker, pragmatic technician, excellent communicator, change manager, teacher.

Education
BS, Computer Science, Magna Cum Laude, SUNY Downstate Medical Center
AS, Engineering Science, Dean's List, Nassau Community College

Technical Summary
PHP, MySQL, AJAX, VAX (VMS) & PDP-11 (RSX); FORTRAN, COBOL, DIBOL, Synergy, DCL, ASP, VB Script, Visual BASIC,IBM Mainframe, BAL, JCL

PayPal CERTIFIED DEVELOPER
Certified PayPal Developer

Employment History

1980-Present
Owner, Madison-Atlantic Software. Consulting. General systems development for clients in manufacturing, engineering, distribution and finance. References available upon request. Interactive Project History is available online at www.madison-atlantic.com/ResumeBP.php. Enter this link into your web browser, such as Internet Explorer, NetScape or Mozilla and then scroll down to the Project History section. You can select to see my projects by year or by platform.

1994-1995
IS Manager, PAXAR Systems Group, Sayre, PA. Managed department supporting manufacturing, distribution and financial systems for $60 million division with 3 manufacturing and 6 distribution locations. Separation was at my own initiative to re-enter consulting practice.

1977-1980
Process Control Engineer, Corning Inc., Corning, NY. Developed and installed computer systems to control manufacturing processes, i.e. glass melting, forming and finishing. Required thorough knowledge of computer hardware, software, and manufacturing electronics.

1975-1977
Senior Programmer, Turnkey Systems Inc., Norwalk, CT. Development team for TASK/MASTER and KEY/MASTER software products for IBM mainframe computers. Responsible for worldwide KEY/MASTER customer technical support.

1973-1975
Systems Programmer, Herbert H. Lehman College, New York, NY. Maintained IBM mainframe operating system, including tuning and applying IBM software updates. Developed enhancements to HASP job spooling package.

1971-1973
Peace Corps Volunteer, Jamaica, WI. Worked with teachers, principals and Ministry of Education officials to implement an upgraded mathematics curriculum in twelve elementary schools.

Complete *Interactive* Project History

www.madison-atlantic.com/ResumeBP.php

Bob Paul, Madison-Atlantic Software

48 Antler Drive, Big Flats, NY 14814
607.562.8921, 607.562.7246 FAX, bob@madison-atlantic.com
www.madison-atlantic.com

Complete Project History, 1991 to present

2009	HTML, JavaScript, PayPal	For Sportrends. Converted shopping cart and check out to use PayPal's Website Payments Standard. Sportrends reduced the cost of its merchant account and completely eliminated the cost of a secure server. PayPal collects and manages all sensitive customer credit card information, and also provides a merchant account with no monthly fee. www.sportrends.com
2009	PayPal	Achieved PayPal Developer Re-Certification. This demonstrates expertise across PayPal's growing family of payment products, including Web Site Payments Standard & Pro, Payflow Link & Pro, Express Checkout and Fraud Protection Services.
2009	CMS Made Simple, HTML, JavaScript, PayPal	For Corning Civic Music. Overall management of a major web site enhancement project, from project conception through design, development, testing, deployment, training and acceptance. This project build upon the 2008 Civic Music project. Assembled internal team who set objectives, selected a vendor and assumed ownership upon completion. Additionally, I developed a JavaScript "sales wizard" module to control the visitor's experience through the membership application process, including a customized shopping cart and connection to PayPal. www.CorningCivicMusic.org
2008	HTML, JavaScript, MySQL, PHP, SQL	For Neckfluffs. Developed product selection feature. Simplifies the product selection process for visitors by allowing them to find products by color and sets of shades appropriate for each. Completely database driven. www.Neckfluffs.com
2008	Access, PHP, Visual Basic	Internal project. Project deployment system supports multiple versions of a system on multiple platforms. This allows system development to proceed on any convenient platform for later deployment in a production environment. Provides transparency to platform specific features such as database names, passwords, etc.
2008	Drupal, HTML, JavaScript, PayPal, PHP	For Corning Civic Music. Managed development of completely new web site. Conducted requirements analysis, recruited graphic designer and site developer, assembled site content, directed technical development and port to new hosting service. www.CorningCivicMusic.org
2008	AJAX, HTML, JavaScript, MySQL, PHP	Internal project to promote the "History of the 140th Pennsylvania Volunteers". Extensive use of AJAX technology to view excerpts of the text and search the regimental roster. 140th PA Vols
2007	HTML, JavaScript, MySQL, PHP, SQL	Internal project. Designed and implemented this searchable resume which you are now viewing. Select a year or a platform to view all related projects.
2007	HTML, JavaScript, MySQL, PHP, SQL	For ReelHookedUp.com. This is a dynamic web site. Its owner maintains data to be viewed by visitors. Visitors, in turn, use search technology to select topics of interest. www.ReelHookedUp.com
2007	HTML, JavaScript, MySQL, PayPal, PHP, SQL	For Neckfluffs, Convert item gallery from Javascript to MySQL database and Pay Pal Website Payments Standard. www.Neckfluffs.com
2007	HTML, JavaScript, PayPal	For Corning Civic Music, Deploy online ticket purchase using Pay Pal Website Payments Standard. www.CorningCivicMusic.org
2007	PayPal	Acheived Pay Pal Developer Certification. This demonstrates expertise in various Pay Pal functions & API's, including Web Site Payments Pro, Express Checkout, Direct Payments, Authorize & Capture scenarios and Multi-Currency transactions.

Bob Paul, Madison-Atlantic Software

48 Antler Drive, Big Flats, NY 14814
607.562.8921, 607.562.7246 FAX, bob@madison-atlantic.com
www.madison-atlantic.com

Complete Project History, 1991 to present

2007	Access	For Veotag, Inc. Developed and executed testing of their newest release. Established test procedures and tracked results by feature and platform. www.veotag.com
2006	Client/Server, XML	For Contivo, Inc. Developed and delivered training courses for Contivo Analyst. Analyst uses a high performance graphical mapping tool and advanced vocabulary manager to create transforms for both XML and non-XML messages.
2006	ASP, SQL, VB Script	For Corning, Inc. Life Sciences Division. Developed web based tool for reporting of employee time by job and department.
2006	DIBOL, EDI, EMS, VAX, VB Script	For Corning, Inc. Life Sciences Division. Managed the phased shutdown of EMS and cut-over to Corporate standard PeopleSoft. Extracted copious amounts of open customer order information for PeopleSoft team and disengaged many automated processes (EDI, corporate feeds, division reporting, etc).
2006	Access, Visual Basic	For Corning Civic Music, Develop membership database. Supports several membership types and patron levels. Produces various reports and mailing labels, including counts for bulk mail. www.CorningCivicMusic.org
2005	ASP, SQL, VB Script	For Corning, Inc. Life Sciences Division. Developed web based tool to collect and report component serialization. All components for Corning's new Epic™ microplate platforms are serially identified. All part and sub-assembly identification is recorded and retained for each Epic System product.
2005	DIBOL, EDI, EMS, VAX, VB Script	For Corning, Inc. Life Sciences Division. Adapt EMS for web based customer order processing and Third Party Logistics. Includes transformation of BizTalk data to EDI 850 customer orders for import to EMS and reverse transformation for outbound EDI 856 advanced ship notices and 810 invoices. Also includes order allocation and dispatch to appropriate regional distribution center (both in-company and 3PL) as well as order re-routing for out-of-stock conditions.
2004	HTML, JavaScript	For Neckfluffs. Designed and implemented web site for Neckfluffs®, wearable art designed by my wife, Louise. This included photography, web design and PayPal interface. Extensive JavaScripting was employed to manage 30 products.
2003	Access, Visual Basic	For Corning, Inc. Life Sciences Division. Access database interfaces with EMS to report manufacturing resource utilization. Extracts labor and material utilization and standards from EMS into an Access database for management reporting and analysis.
2002	DIBOL, EMS, VAX	For Corning, Inc. Life Sciences Division. Extract Order-to-Cash (revenue) and Req-to-Pay (expense) functionality from division level to corporate level operation. The key was to reconcile division level shipping with corporate level invoicing and division procurment with corporate accounts payable.
2001	Apache Web Server, MySQL, PERL	Prototype web site to build vocabulary skills for students planning to take GRE and SAT exams. Written in PERL, this site logs user performance in a MySQL database and uses a proprietary algorithm to dynamically generate customized vocabulary exersizes matched to the student's needs. This is still a prototype, but you may contact me for more information and a demonstration.
2001	Access, Visual Basic	For Cameo Woods Condominium Community. Security system to screen all visitors. Provides security guards with information on all expected visitors to facilitate their entry, logs ALL visitors and produces parking passes which must be displayed in car to identify visitor, homeowner and expiration time.
2000	DIBOL, EMS, VAX	For Corning, Inc. Life Sciences Division. Develop bridge to deliver current customer, product and order information from manufacturing system to corporate web site for customer

Bob Paul, Madison-Atlantic Software

48 Antler Drive, Big Flats, NY 14814
607.562.8921, 607.562.7246 FAX, bob@madison-atlantic.com
www.madison-atlantic.com

Complete Project History, 1991 to present

		interrogation. Permits customers to check product availability and status of current orders.
2000	Access, Visual Basic	For TeleNurse. Develop system allowing TeleNurse to respond to home health and home hospice patients. Patient telephones TeleNurse staff nurses who access this system to reference patient profile and log activity. Daily cycle downloads patient information from client health care facility database and generates activity reports.
2000	DIBOL, EDI, EMS, VAX	For Corning, Inc. Science Products Division. Develop EDI transaction processor for complete inventory balancing and reconciliation with customers.
1999	VAX, Win/NT	For Corning-Asahi Video. Project Leader, Year 2000 for all platforms. Responsible for Y2K compliance of all systems and manufacturing electronics. Manage Y2K team, including development and operation of test environments. Communicate with all department heads. Report to Year 2000 Steering Committee.
1999	FORTRAN, PDP, VAX	For Corning-Asahi Video. Project Leader, Year 2000 for Digital platforms. Tool selection, Inventory, Assessment, Remediation and Testing. Date Expansion and Procedural Windowing techniques.
1998	Access, Excel, FORTRAN, HTML, INGRES, VAX, Visual Basic	For Corning-Asahi Video. Project Leader, Production Information System. Consolidate information from 21 VAX systems across 7 production lines to shared Access Database and Excel Workbook gives hourly graphical visibility to current production levels and defects.
1997	C, FORTRAN, HTML, INGRES, Oracle, VAX	For Corning-Asahi Video. Project Leader. Overall design and VAX-side implementation for several bridges between INGRES and Oracle.
1996	CMS, FMS, FORTRAN, MACRO-11, MMS, PDP, VAX	For Corning Inc. Corporate Engineering. Design and implement source level distribution of proprietary VAX & PDP products developed internally for plant floor automation. Includes inter-processor communications, statistical process control, graphing, menuing, report generation, scheduling and error logging.
1996	DCL, DIBOL, EMS, VAX	Develop EMPowerTM, Madison-Atlantic add-in product for EMS systems to enhance security, menu configuration and custom report generation.
1995	DIBOL, EMS, VAX	For Corning, Inc. Science Products Division. Member of implementation team installing VAX based EMS manufacturing software to replace several legacy systems. Responsibilities: 1) conversion of disparate data bases (ex, inventory systems from several locations), 2) interfaces to existing corporate systems (ex, auto update from corporate vendor master) and 3) EMS enhancements to meet functionality provided by systems being replaced (ex, auto-FAX system for purchase orders).
1995	EMS, Paradox, VAX	For PAXAR. Spearheaded several projects that improved functional capabilities and operational efficiencies of VAX based EMS manufacturing software. Used PC based tools to improve reporting facilities of EMS. Managed development and installation of PC based hourly employee time accounting system.
1994	BASIC, FORTRAN, PDP	For Bradford Electronics. Enhanced product inspection system to meet more stringent requirements of DOD. System integrates PDP, PCs and custom electronic measuring devices to assure products comply with DOD specifications. Originally developed system in mid-1980's, have provided support since.
1993	FORTRAN, PDP, ReGIS, VAX	For Corning, Inc. Develop touch screen application for manufacturing process control. Developed on VAX/VMS for download to diskless PDP-11/RSX-11 and VXT-2000 touch overlay terminals.
1993	COBOL, FMS, FORTRAN, VAX	For Corning, Inc. Lead sev eral projects for corporate purchasing and manufacturing systems. Includes integration with PC based inventory systems and development/distribution of

Bob Paul, Madison-Atlantic Software
48 Antler Drive, Big Flats, NY 14814
607.562.8921, 607.562.7246 FAX, bob@madison-atlantic.com
www.madison-atlantic.com

Complete Project History, 1991 to present

		standards for internal software products.
1992	Paradox	For Corning, Inc. Full implementation for storeroom and quality control projects leading to ISO-9000 certification.
1992	COBOL, FMS, FORTRAN, VAX	For Corning, Inc. Lead several projects for corporate purchasing and manufacturing systems. Includes electronic purchase requisitions, purchase order archiving, and VAX based inventory and costing systems.
1992	Paradox	For NYS Electric & Gas. Develop system to track compliance of new residential construction with current energy conservation requirements.
1992	DOS	For several clients. Develop audit and recovery procedures in response to Michelangelo virus threat. Detect and remove viri from several installations, audit client systems and present system status reports to management.
1991	AS/400, ASI, COBOL	For Corning, Inc. Organize and present at two day startup/kickoff meeting for end users of ASI Manufacturing software. Topics included walk-thru of new weekly cycle, interface with existing systems at several plants, conversion and differences from old system, startup timing and conventions, team break-out sessions, management presentation and other topics.