BENN M. BOULTON

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Professional Profile

Application and Systems Programmer and Administrator

An application programmer and systems administrator with 25 years experience delivering effective solutions to businesses in various industries. Ability to develop and troubleshoot applications that use local and remote database models. Proven track record for completing projects others are challenged by and a history of delivering results ahead of schedule. Very analytical with good communication skills, excellent problem solving skills, and a steep learning curve. Highly successful track record that includes increasing production through automating processes, developing new applications, and recoding applications for better performance. Other skills include the ability to work well with individuals and groups at any level of technical understanding. Comfortable during all stages of a project, from the formulation of requirements, to development, implementation, and deployment.

Technical Skills

Software Applications: Microsoft Office, Access, Quick Books, and Install Shield, Front Page.

Platforms/Operating Systems: UNIX/LINUX, DOS, Windows, ORACLE, SQL and Networking, PC MOS.

Programming Languages: FoxPro, RDMS, MS Access, Visual Basic, PERL, CGI, SQL, C/C++, Unix Shell Scripting, HTML, JavaScript, Ajax, and PHP, Workstation Basic.

Other: FoxWeb, TCP/IP, DNS, FTP, SSL, Mail Server and Client Configuration, Radius, Apache Server, RS232 Communications, RFID, PL/SQL.

Career Highlights

- Developed a real-time timing and scoring program with options for video projection of standings and instant uploads to internet for remote monitoring.
- Developed a process to extract and transform biographical reference data (name, occupation, achievement, awards) from varied sources and formats into one centralized structure enabling streamlined loading of on-line biographical reference search database.
- Developed and enhanced application systems to manage data in ORACLE, MS SQL, and MS Access.
- Merged data extracted from sales history and accounting files with contact management software to create automated customer specific reports for each salesman; connecting outside sales teams to customer order and usage history, improving customer service and sales productivity.
- Extracted and transformed sales data from a VAX PDP 11 accounting application for uploading data to a Microsoft Windows based accounting package, providing accurate sales history data to better reflect company revenue.
- Developed a process to extract and transform data from a SCO UNIX law enforcement database into a new Microsoft Windows based platform allowing for retrieval of historical data and current use in one system.

Core Competencies

Application Development	Data Extraction	Problem Solving
Application Design	Database Design	SQL
Process Automation	Data Reporting	Internet Technologies
User Interface Development	Networking	ODBC Connectivity

Professional Experience

CareerLeader LLP   *2009 - Present*
Brookline, Massachusetts
Software Designer/Programmer System Administrator
Skills used: Apache, PHP, SQL, Perl, HTML, JavaScript, Ajax, Unix Shell, Database design and development, FoxPro, FileMaker Pro, C, TCP/IP.

Design, develop and maintain internet based assessment tools that help discover, build, and maintain higher levels of career satisfaction for organizations and individuals (www.careerleader.com)
- Build and maintain MySql Database of organizations, individuals, and test data.
- Maintain systems and servers as needed to continue operations of an Internet based service company.

Computer Comfort, Inc.   *1985 – 2009*
Newport, New Hampshire
Software Designer/Programmer and Computer Consultant
Skills used: Apache, PHP, SQL, Perl, HTML, Unix Shell, Database design and development, FoxPro, C, TCP/IP.

Computer consultant offering application development, support, network, trouble shooting, and repair services to individuals and business in a variety of industries.
- Developed a real-time timing and scoring program with options for video projection of standings and instant uploads to internet for remote monitoring.
- Designed and developed internet based sample collection system to streamline the process of collecting, labeling entering, and reporting environmental sample data.
- Established a large customer base of individuals and businesses. A partial list of businesses includes:

  EBSCO Publishing   Ipswich, Massachusetts
  Contract Programmer
  Skills used: FoxPro, Visual Basic, Oracle, SQL MS Access.
  Developed, modified, and enhanced applications used to manage and produce EBSCOHOST (www.ebscohost.com) products and services.
  - Developed and enhanced application systems to manage data in ORACLE and MS SQL databases. The applications developed were used to build and manage the on-line content that EBSCO Publishing offers, as well as modifying and enhancing the company's contract management and order entry applications.
  - Reduced time required to process abstracts and author information and increased productivity.

  eWash LLC   Newport, New Hampshire
  Programmer / Customer Support Specialist
  Skills used: FoxPro, Visual Basic, C, Apache, HTML, TCP/IP, RS232/485 Communications.
  Designed, developed, maintained and supported loyalty applications for the automotive (car wash) and Laundromat industries. Created companion module for internet based reporting of product usage.
  - Automated data collection processes
  - Developed a newer, simpler graphical user interface
  - Developed Point-of-Sale Smartcard programming and reporting terminals

  Foster Miller   Waltham, Massachusetts
  Programmer
  Skills used: FoxPro, Visual Basic, Excel.
  Modified and enhanced real-time temperature monitoring application.
  - Transformed and loaded data from monitoring application into report and quality assurance databases.
  - Increase program flexibility and assisted in meeting new equipment security and QA requirement.

McGraw Hill   Lexington, Massachusetts
Skills used: FoxPro, Excel
Modified and enhanced conference management and reporting software for improved performance and productivity.
- Enhanced processes used to extract data form Excel spreadsheets for loading into a conference management database.
- Provided additional data maintenance and manipulation procedures and functions.

PD McClarin   Burnaby, British Columbia
Skills used: FoxPro, TCP/IP and RS232 Communications.
- Modified Liquid Assets, a petroleum management software that managed remote fuel pump systems via direct, modem, or internet link.
- Designed and developed a monitoring and control unit for self service, water pumping stations.
- Enhanced existing system offering new features and capabilities
- Enhanced ability to connect and monitor via TCP/IP (Internet) connections

Valley Regional Hospital   Claremont/Newport, New Hampshire
Skills used: FoxPro, MS Access.
- Designed and developed the first Partners in Health patient information system
- Designed a maternal and child health patient tracking application allowing the hospital to provide necessary grant information and obtain ongoing funding

Matrix Analytical   Hopkinton, Massachusetts
Environmental Diagnostic Laboratories   Portland, Maine
Stavely Services/Bodycote Testing   Gary, Indiana
Skills used: FoxPro, RS232 Communications.
- Customized, maintained, and supported laboratory information database management systems for environmental, medical, and physical testing laboratories on Windows and Novel based networks.

Comfort Signups   *2003 – Present*
Newport, New Hampshire
Owner/Operator
Skills used: Apache, PHP, SQL, Perl, HTML, JavaScript, Ajax, Unix Shell, FoxPro, C, TCP/IP.

Developed on-line event registration, payment, reporting, and management services and software tools.
- Created process to collect personal and payment information to load data into event management and billing databases.
- Developed process to automatically extract and distribute targeted data to various event managers.
- Created applications to extract data form event scoring databases program that up-loads to an internet based reporting service.
- Developed internet based programs offering real-time event scoring and result reporting.
- Created a process to extract data from race timing databases and sends SMS text messages to report on participant progress during the event.
- Members include; Mount Washington Road Race, Bermuda International Race Weekend, Hartford Marathon Road Race, and Cigna-Elliot Corporate Road Race.

Sunapee Region Internet   *1996 - 2008*
Newport, New Hampshire
Owner/Operator
Skills used: Apache, PHP, SQL, Perl, HTML, JavaScript, Ajax, Unix Shell, FoxPro, C, TCP/IP Services and Protocols.

- Established company and provided Server Administration, Server Configuration, and Network Administration and maintained internet service provider company.
- Installed servers and set up operating systems, customized, and maintained user and mail accounts, internet services, and Apache Web servers.
- Developed multiple programs to manage the operations of an internet service provider company including accounts receivable, billing, and reporting system.

The Woodin Group Inc.   *January 1991 - November 1991*
Amherst, New Hampshire
Programmer/Analyst
Skills used: FoxPro, RS232 Communications Recital, AIX.
Customized, maintained, and supported laboratory information management systems for environmental, clinical, and physical testing laboratories for the DOS and UNIX operating systems, using FoxPro and Recital DBMS.
- Increased efficiency by eliminating need for redundant data entry.
- Decreased human resource need.
- Stream-lined processes allowing for re-distribution of staff and resources.

Professional Management Center   *May 1990 – January 1991*
Salem, New Hampshire
Senior Programmer/Support Specialist
Skills used: Workstation Basic, SCO Unix.
Designed, maintained, and supported applications for medical and dental office management and insurance payment processing.
- Reduced average customer trouble tickets from a 2- 4 day response and resolution to same-day response and resolution.
- Decreased percentage of rejected electronic payment request files.
- Developed a process to check and correct electronic insurance payment request files.

New Hampshire National Guard   *August 1990 – November 1990*
Concord, New Hampshire
Programmer/Analyst
Skills used: Basic, Spreadsheet.
Contracted to design and develop applications for annual budgeting and forecasting.
- Created automated process to extract data from remote databases for generating Equal Opportunity Employment reports.
- Developed automated process to extract data from remote databases for generating staff, inventory, and management change reports.

Electronic Data Systems (EDS)   *1986 - 1987*
Concord, New Hampshire
Computer Operations Supervisor
- Responsible for daily operation of computers, nightly backups, and report distribution.
- Coordinated report management.
- Set up security for new users.
- Assisted in modifying existing third party insurance applications.

Education & Professional Development

BS, Computer Science/Management - Cum Laude - design and development concentration, Franklin Pierce College

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Professional Affiliations & Associations

National Association of Small Businesses   **Software Contractors Writers Guild**
Newport Community Television Board of Directors   **Grantham Area Chamber of Commerce**
Business and Industry Association