John M. Brewer

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Freelance Web Designer   April 1998 to Present
a few propellerheads (http://www.propellerheads.com/)
Designed custom content management system and new public web site for Bakesale Betty to enable quick and easy updates for their rapidly growing business. Both sites run on Apache, PHP, and MySQL. Redesigned AMS.NET public web site to promote their new business direction and update their image. Expanded the capabilities of their intranet to accommodate business changes and company growth. Created dynamic web site for school district which allows students to track grades, projects, employment etc. to facilitate applying to colleges and jobs.

Founder, Wireless ISP   June 2002 to Present
Keyroute.net, Oakland, CA (http://www.keyroute.net/)
Started a small wireless network to provide high speed internet access in Oakland's Trestle Glen neighborhood, providing e-mail with spam filtering and secure web-mail access and web space for individuals and domains as well as private web site to share neighborhood information. Run on Mac OS X and FreeBSD, both running BIND, Postfix, Apache, PHP, MySQL, SquirrelMail, WU IMAP, and QPopper.

Web Architect   May 2000 to December 2003
California Gas Transmission (PG&E), San Francisco, CA (http://www.pge.com/pipeline/)
Modernized existing web site, providing consistent navigation and architecture. Provided new site and information architecture, coding specifications, and style outline for site redesign. Built content management system to automate for external web site. Led creation of a MySQL driven intranet site to teach web team new skills.   Participated in technology evaluations and helped design internal database systems to provide more timely data to customers.

WebMaster/Designer   November 1995 to May 2000
AMS.net, Livermore, CA (http://www.ams.net/)
Transformed company web site from an outdated, static, product catalog into a dynamic company information system built around ColdFusion and MS SQL Server (and watched sales grow from two million to ten million without an increase in sales staff). Customers now use the site to build their own quotes as well as stay informed about the status of their orders and support requests. All aspects of the company's business flow through the back end intranet including Sales, Human Resources, Marketing, Shipping/Receiving, and Purchasing as well as the public site maintenance.

Applications Engineer   November 1994 to November 1995
VideoStream Inc. Ukiah, CA
Used proprietary language to build authoring system for interactive television programming. Helped architect overall user interface as well as selected aspects of back end storage system. Designed company's public web site using FileMaker Pro and custom AppleScripts to generate news articles without the author having to know html.

Applications Engineer   October 1991 to November 1994
TT2D Inc., Ukiah, CA
Created computer portion of interactive videodisc programs for education using several authoring systems on multiple platforms. Developed authoring system for teachers and students to create interactive videodisc programs about works of literature. Users could quickly compile a teaching aid or a video book report without programming.

Meandering Photographer   June 1993 to November 1993
Sabbatical from TT2D Inc., Ukiah, CA (http://www.propellerheads.com/creative/photographs/americas/)
Five month journey through Central and South America in search of interesting things to photograph.

Education   B.F.A. in Photography, New York University   May 1991

Relevant Skills
HTML, CSS, JavaScript, PHP, ColdFusion, Perl, SQL, C Shell, ASP, Apache, MySQL, IIS, MS SQL Server, Photoshop, Illustrator, general graphic design skills, Macintosh, Windows, FreeBSD, Linux and a smattering of Solaris.

Other Interests
Photography, astronomy, the possibility of finding alien life, education, rowing, world travel, cooking, a good bubble bath.