

Phil Glatz

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Objective

Drupal developer, web site architect, backend designer, and administrator, combining my experiences in software development, web strategies, system administration, and design.

I am a generalist with a strong interest in technology, but have also worked in many areas of design and the creative arts, and use both sides of my brain. I have often acted as interface between technical, design, and marketing departments to design and implement technical solutions to business needs. I believe that technology can improve the quality of people's lives and am interested in helping develop new solutions to problems that will be useful, friendly, and competitive.

Skills

- Drupal expert, module developer, and themer.
- Netizen since 1982, intimately familiar with the Internet culture and the development of the Web.
- Proponent of Open Sources solutions (when appropriate); have created extensively modified versions of Drupal, Zen Cart, OS Commerce, and Joomla/Mambo web sites.
- Expert in web page and form design, integration of electronic forms with a central database, and portability to different browsers and operating platforms, with an emphasis on usability and scalability. UNIX system administration (Linux, Free BSD, Solaris, AIX, HP-UX), DNS, security issues, scripting, software installation, and system configuration. Supports and encourages the use of Open Source software.
- Tool builder for web sites, including access log reporting, search engines, log rotation, system monitoring, and file analysis. Created commercial banner ad rotation and chat software.
- World-class server-side scripting using PHP and Perl CGI. Proficient in UNIX, JavaScript, Perl, Cascading Style Sheets, DHTML, AJAX, UNIX tools, XML, RTML, and shell languages.
- Documentation preparation and design using Photoshop, Fireworks, MS Word, Powerpoint, and HTML authoring tools. I prefer creating HTML markup and CSS "by hand."
- Expert in installation and customization of servers, custom Apache builds, and designing the architecture of large database-driven dynamic web sites. Experienced web site administrator with Apache web servers and secure ecommerce on both small and large sites.
- Familiar with all aspects of the software development cycle, including analysis, proposals, design, coding, source control, documentation, and maintenance. Management of small and large projects, technical management of other developers.

Experience

1996-Present

Acme Software Systems

Cyberspace

Freelance Web Site Developer and Architect

- Collaboration on dozens of web sites and web servers as a backend designer, database integrator, administrator, and strategist.
- Most of my work these days is adding database functionality and content management to web sites, or modifying open source CMS and ecommerce tools. I can create an entire site, from selecting a host to installing a server, designing an architecture and navigation interface, creating content, to creating performance reports. I usually work with frontend designers and implement the technical design aspects of the site.
- Please see <http://www.electronovelty.com> for a portfolio of projects I have worked on.

2007-2010 **consumersearch.com** **New York, NY**
Senior Drupal Developer

- Drupal developer. Member of 6 person (geographically dispersed) team designing and maintaining features on one of the highest traffic Drupal web sites in the world. Active in all phases of design, styling, and implementation. Created many custom modules and backend tools.

2000-2002 **Brave Kids** **San Francisco, CA**
Webmaster and Web Site Architect

- Total redesign of non-profit's web presence. Managed development team of designers, database architect, strategist, HTML translator, and content developers. Worked with an Information Architecture company to do usability tests and user profiles. Set up new web host and installed software.
- Responsible for day-to-day operations, system administration, backend programming, database additions, design and style issues. Manage new content and strategic alliances.

2000-2008 **City News** **Reno, NV**
System Administrator and Developer

- Design of web server architecture and features for large dynamic advertising portal site, with virtual presence in over 1100 cities.
- Responsible for server installation and maintenance, DNS issues, and backend programming.

1998-2000 **more.com** **San Francisco, CA**
Software Engineer and Web Site Architect

- Design of web server architecture for large dynamic ecommerce site. Design of PHP classes for Oracle database interface, debugging, and abstraction of features. Set coding and interface standards.
- Web server configuration and optimization, access reports, user tracking, backend development and feature design, DoubleClick ad tracking.

1997-2000 **San Francisco Giants Baseball Club** **San Francisco, CA**
System Administrator and Developer

- System administration of Solaris based web server, creation of custom CGI programs, web site administration. Developed custom CMS, online chat, banner rotation, and reporting to clients via virtual private networks.

1997-1999 **OpticalBuyer.com** **Berkeley, CA**
Designer and System Administrator

- Developed database backend and messaging system for vertical portal for the optical industry.

1997-1998 **Riker Networks** **San Francisco, CA**
Lead Engineer and System Administrator

- Backend development and program design, database design, system administration of Solaris based web server, web site administration.

1997 **Levi Strauss** **San Francisco, CA**
Web System Administrator

- Responsible for administration of 7 intranet webservers in San Francisco, Brussels, and Singapore; including software installation, performance tuning, log analysis, adding new accounts, and migration planning. Aided in conversion from HP/UX to Windows NT based servers. Routine system administration, development of CGI programs, developer support, and analysis of new software.

1996-1997 **Apple Computer** **Cupertino, CA**

Web System Administrator

- Responsible for maintenance and development of CGI programs on two multimedia web sites, system administration, and implementation of new features. Created an ad banner rotation system, added enhancements to web server statistics analysis programs, and developed various server maintenance utilities. West coast tech lead for six servers during 1997 Grammy webcast.

1996-2002 **Amulet Jewelry and Gemstones** **Sonoma, CA**

Web System Administrator

- System administration of Apache web server, creation of custom CGI programs, web server architecture and administration, development of SQL-based on-demand electronic merchandise catalog, reporting.

1995-1996 **quickquote.com** **Incline Village, NV**

Webmaster

- Responsible for administration of Netscape Commerce Server on Sun server, installation and updates of software, Solaris system administration, site architecture, design of content and interactive CGI code, report generation, system documentation, portability considerations, and supervision of coding.

1989-1994 **Lahey Computer Systems** **Incline Village, NV**

Software Engineer/Project Manager

- Design and implementation of driver program for Fortran 90 compiler, written in C++. Ported Fortran 90 compiler front end to UNIX. Project manager for major compiler releases and beta programs.
- Developed new debugger for company's FORTRAN compiler (written in C and assembly). Managed project, designed, implemented debugger, designed new user interface, ran usability tests. Wrote specification documents and user manual. Maintained debugger products.

1989 **Deputy Director** **Montserrat, West Indies**

Caribbean Institute of Applied Computer Technology (CARIACT)

- Deputy director of regional computer training institute involved in management and course design. Designed and wrote training material, served as instructor for introductory and advanced training classes, worked with local and regional government officials to evaluate training needs and hardware requirements, organized a local computer club, and developed database applications for Montserrat Government and Scotland Yard.
- Spent five weeks publishing the sole newspaper on the island after CARIACT was destroyed by Hurricane Hugo.

1988-1989 **Montserrat Times Ltd.** **Montserrat, West Indies**

Computer Expert/Graphics Designer

- Computerization of the printery and train the staff in the use of computerized typesetting equipment. Duties included specifying equipment, typesetting of weekly twelve-page tabloid newspaper, designing advertising artwork and layouts, and general commercial printing design.

1988-1989 **Semifab, Inc.** **Hollister, CA**

Software Engineer/Dept. Manager

- Management of large real-time programming project for control of robotics manufacturing equipment for semiconductor fabrication. Set up software development department, hired and supervised four employees. Technical writing and supervision of documentation of software products.

1986 **Octagon Consultants International** **St. Thomas, USVI**

Computer Consultant

- Design and coding of software programs for the Social Security Board of the country of St. Kitts. Performed design reviews and suggested improvements and enhancements to the existing manual system. Trained local staff in computer operations and data entry techniques. Design of system utilities written in VAX Basic, VAX Pascal, and DCL. Senior VAX system operator; responsible for overall system operation, backup schedule, user accounts, installation of software updates, and system tuning.

1982-1986

MicroPro International Corporation

San Rafael, CA

Software Developer

- Software programmer in the product development department. Duties included product feature design, test design, and coding in assembly language, C, and Modula-2. Created features for WordStar and ported products to other operating systems.

1979-1982

Fluidyne Electronics Corp.

Santa Rosa, CA

Programmer/Electronics Technician

- Worked as a repair and calibration technician and developed custom control software.

Education

1974-75 California State University, Sacramento. Computer Science

1967-72 California State University, Sacramento. Bachelor of Arts in Music (electronic composition), minor in Broadcasting.

Bella Vista High School, Fair Oaks, CA. Graduated 1967.