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Updated: May 4, 2022

Objective

Drupal developer, themer, website 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 an 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.

In addition to the positions I have had listed below, I also spent many years building sites for clients. Please see <http://www.electronovelty.com> for a portfolio of projects I have worked on.

Skills

- Drupal expert, module developer, and themer. I have worked mostly with Drupal sites since 2007 and am intimately familiar with extending themes and modules through hooks and templates. My designs typically involve a single page template, a number of custom content types, and preprocessing to set up node templates.
- Full-stack developer, experienced in all phases 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. Deployment via GIT. Agile development methodology, comfortable with Zoom, Slack, and other collaborative meeting platforms.
- Drupal front-end development using subthemes, TWIG, and translating design comps. User of Photoshop, Illustrator, Sketch, and other graphics tools.
- Experienced with responsive and mobile-first design, using SASS and breakpoints.
- Netizen since 1982, intimately familiar with the Internet culture and the development of the Web.
- A proponent of Open Sources solutions; have created sites with customized versions of Drupal, WordPress, Zen Cart, OS Commerce, and Joomla/Mambo websites. I am currently focusing only on Drupal.
- 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, HPUX), DNS, security issues, scripting, software installation, and system configuration. Supports and encourages the use of Open Source software.
- Tool builder for websites, including access log reporting, search engines, log rotation, system monitoring, and file analysis. Created commercial banner ad rotation and chat software.
- Server-side scripting using PHP and Perl CGI. Proficient in UNIX, JavaScript, jQuery, Perl, Cascading Style Sheets, HTML5, AJAX, UNIX tools, XML, and shell languages. I prefer creating HTML markup "by hand" and CSS from SASS. I develop on the Mac platform, using PhpStorm as a debugging IDE.
- Documentation preparation and design with MS Word, PowerPoint, and HTML authoring tools.
- Experienced in the installation and customization of servers, custom Apache builds and designing the architecture of large database-driven dynamic websites. Experienced website administrator with Apache web servers and secure eCommerce on both small and large sites. Familiar with cloud hosting (AWS, Google).
- Integration with other web services via REST and API calls.

Experience

- 2015-2022** **whiskerdocs.com** **Chicago, IL**
Senior Drupal Developer
- Major redesign and architecture of whiskerdocs.com and askthecatdoctor.com; custom modules, admin backend, responsive theming, social strategies, marketing features. Strict coding to HTML5 standards for support on all modern browsers. Much use of JavaScript and jQuery for user interface features such as popups and dynamic content.
- 2012** **takepart.com** **Los Angeles, CA**
Senior Drupal Developer
- Drupal developer. Worked on custom site features, created many custom modules and backend tools. Strict coding to HTML5 standards for support on all modern browsers. Much use of JavaScript and jQuery for user interface features such as popups and dynamic content.
- 2011-2019** **visualeffectssociety.com** **Los Angeles, CA**
Senior Drupal Developer and Web Administrator
- Created new site in Drupal 6, migrated to 7. The site had information about a major film industry organization and used Organic Groups to support sub-sites for various chapters. Worked on custom site features, created many custom modules and backend tools.
- 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 websites 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. Created custom features, coded in PHP and Perl.
 - 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 a 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, website 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 web servers 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 websites, 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 the 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 a new debugger for the 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 manuals. 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 an 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.

