

Joe Golden
joe@triangul.us
19 Church St. No. 10
Burlington, VT 05401
802 793 2323

Project: The Solutions Journal Online, 2009

- Drupal project manager coordinating theming, module development, views development and overall coordination with a three person development team, external designers and Solutions staff of six people.
<http://thesolutionsjournal.com>
- Configured local development server and scripted mirroring from live server for fast, safe and efficient development work.
- Developed custom “connections diagrams” with Perl and Dot to graphically show connections between pieces of content.

Project: Orca Media Server, Montpelier, VT, 2009

- Developed proof of concept video delivery in Drupal from the Amazon S3 Cloud for Orca Media programs.
- Configured two Linux Servers with associated Drobo 16TB storage device for archiving of Orca’s government meetings. Integration through Samba with base Microsoft Orca network and playback server.

Project: Pegevent for LCATV, 2008

- Deployment and modification of Pegevent Module for Lake Champlain Access TV (LCATV) in Colchester, VT for airtime scheduling in their Drupal website.

Founded Triangulus, 2008

- Founded Triangulus to focus on Drupal web development and online communications.
<http://triangul.us>

Project: PEGevent Module, 2008

- Designed a custom Drupal module to provide highly customized scheduling and playback integration services for CCTV in Burlington, VT.
<http://drupal.org/project/pegevent>
- Integrated Drupal program archiving and scheduling elements with MaestroVision playback system databases, resulting in more efficient workflow for CCTV staff.
- Provided custom views, templates and reports to meet specific needs of CCTV post production staff and upstream reporting requirements.

Project: Wisdom Hunter, 2007

- Designed a taxonomy to accommodate multiple interoperable vocabularies for authors and book types and integrated and customized user profiles and user tagging of content. Implemented detailed SEO recommendations to improve search engine rankings.
<http://wisdomhunter.com>
- Worked closely with the Bear-Code Russian design team to help them understand how to integrate database elements into their designs.

Founded Green Mountain Linux, Montpelier, VT, 2005

- Founded Green Mountain Linux in 2005 as a consulting firm specializing in Linux and Open Source solutions. Received Linux Professional Institute certification in Linux after passing the skills based LPI standardized test.

Stevens School of Peacham, Peacham, VT, 1999 - 2004

- Teacher of Math, Japanese, Swahili, Technology and Science. Taught eight graders POVray 3D modeling program and simple programming in Perl. Systems Administrator for an integrated 12 box network of Debian Linux, MS and OS X machines.

FaxSav, Japanese Language Support Desk and Network Technician, Edison, NJ, 1998.

- Front line Japanese Language Support person responsible for rapid problem analysis and solution or escalation within an organized highly responsive trouble ticket system. Personally responsible for monitoring a global network of 50 HP-Unix machines providing global fax over internet services to Asia, Europe and the USA.
- Perl scripting to monitor remote machine health, status, and throughput with a goal of rapid failure detection and gathering of useful analysis information: queuing, machine function, network communications, and general troubleshooting.

Cone Editions Press, Topsham, Vermont, 1996 - 1997

- Fine art printing production manager and Iris printer maintenance technician. Responsible for smooth operation and maintenance of \$200,000 worth of fine art printing machinery. Responsible for regular nightly runs of high quality fine art images.

Peace Corps Volunteer Teacher, Kenya, 1989-1990

- Teacher of Math, Physics and English at Soy Secondary School, Kabokbok, Eldoret, Kenya. FSI 3+ (rough fluency) Swahili language rating at end of service.

University of New Hampshire, Durham, NH 1988

- BS in Mathematics with a Computer Science Option. Coursework in OS design, structured programming methodology, assembly language, and higher level mathematics. Activities: three year crew team member, progressive student network organizer, four years Japanese language study.