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Objective: To provide contract services related to DRUPAL applications.

Competencies / Related Experience:

Extensive development / project management experience as contractor / vendor, most recently to Nortel Networks (1994 - 2002). With team of four, developed and operated source-code archive and search / retrieval system for DMS switching systems deployed world-wide to 2000 users.

Operated Internet web-hosting service. (1996 - present)

Case Studies:

#1 Implement website for local synagogue.   (youngisrael.ottawa.on.ca) (2009)

This volunteer project was undertaken to familiarize myself with Drupal. Using Drupal6, developed a simple theme using the zen framework.   Defined content-type for classes and events to be displayed using the calendar module. Integrated (using php blocks) external functions written in LISP to display perpetual hebrew calandar events (times of prayer, Jewish holiday information). Coded widget using jquery to hide/show this information.

- Integrated Views Slideshow:imageflow with highslide (see: http://drupal.org/node/889946) to display image gallery.
- Integrated simple_paypal and donation modules to provide online capability.
- Coded donations campaign using webforms module tied in with thermo.php code to implement donations thermometer,

#2 Implement website for internet and broadcast radio reading service to provide content delivery for blind users. (2010 - present)

Developed prototype for gatewave.org using station module. Took website design mock-up done in photoshop and translated it to a theme using fusion and skinr module for production site.

- Coded custom module for registration of radio station affiliates using forms api.
- Coded user application form using webforms module controlled by rules module.
- Specified permissions for multiple classes of users.
- Defined custom content-type for podcasting. Integrated with views to automate show creation and display. (see: http://gatewave.org/fyeo/home) Used features and strongarm modules to encapsulate this capability.
- Contracted for site usability testing and evaluation for blind users.
- Implemented live audio feed using Icecast media streaming server software.

- Provided ongoing hosting / administration / site-maintenance.

#3 Convert existing php based static site developed in Dreamweaver to Drupal CMS. (2011)

- Developed custom theme to mirror existing website for medical malpractice law firm. Main objective was to maintain the search engine ranking that this site enjoyed keeping navigation urls exactly the same in the Drupal site as in the static version.
- Performed further SEO optimization using seo_checklist, seo_friend, nodewords, page_title, and pathauto modules.
- Enhanced site by re-designing theme for usability. Used panels module for front page creation. Coded custom side-bar menus using php blocks. Coded custom jquery menu display.
- Integrated disability resource database application written in php / mysql with Drupal theme.
- Added plain text/multi-part capability to forward module for "Email this page" function. (see: http://drupal.org/node/74723 #7)