Ray Yick

Drupal Developer & Architect

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SUMMARY

- Senior Full-Stack Web Developer with over 15 years of technical consulting experience
- Freelance specialist in Drupal 7-9 and LAMP/LEMP (Linux, Apache/Nginx, MySQL, PHP)
- Acquia Certified Drupal 9 Developer and Front-End Specialist
- Actively involved in all phases of the SDLC from planning and design to testing and deployment
- Deeply familiar with project-based work for digital marketing/ad agencies and government

SKILLS

Languages
- HTML, HTML5 (15+ yrs)
- Javascript, jQuery (15+ yrs)
- PHP (15+ yrs)
- SQL (15+ yrs)
- CSS (15+ yrs)
- XML (15+ yrs)
- C, C++ (2 yrs)
- Java (2 yrs)

Applications
- CMS: Drupal 6-9, ExpressionEngine, WordPress
- Database: MariaDB, MongoDB, MySQL, SQL Server, SQLite
- IDE: Cloud9, Eclipse, Sublime Text, Vim, Visual Studio Code
- Project Management: Asana, Basecamp, ClickUp, GitHub, GitLab, Jira, Redmine
- Web Server: Apache, Nginx

Drupal
- API: Cache, Configuration, Database, Entity, Form, Menu, Plugin, Render, Routing, Update
- Migration: Migrate Plus, Migrate Source CSV, Migrate Tools
- Modules: BEF, Group, JSON:API, Media, Metatag, Paragraphs, Redis, SAML Authentication, TB Mega Menu, VBO, Webform
- Search API: Algolia, Solr

WORK EXPERIENCE

TNS Portal Application / m5 Marketing
JUN 2020 - PRESENT

- Planned, designed and developed the TNS Portal application in Drupal 9 to allow over 3,000 Nova Scotia businesses to register and manage their listings
- Migrated over 300,000 records from a Drupal 7 website and a SQL Server-driven legacy application to Drupal 8 and 9
- Authored various documents, including information architecture mapping, migration plan, API documentation, README setup files and technical reference manual
- Collaborated with the Nova Scotia DevOps team to setup, configure and troubleshoot government infrastructure to support Drupal

Tourism Nova Scotia Websites / m5 Marketing, DDB Canada
MAR 2019 - PRESENT

- Led the Drupal 8 backend development and provided ongoing maintenance for the newly redesigned Tourism Nova Scotia public and corporate websites

SageGlass Website / TEN7
MAY 2022 - OCT 2022

- Involved in team sprints building Drupal 8 front-end components for SageGlass official website

McDonald's Canada-Facebook Lead Ads Integration / DDB Canada
DEC 2018 - JAN 2019

- Managed data retrieval of lead ads for McDonald's Canada using the Facebook Graph API
- Integrated webhooks to post form data to McDonald's CCP API

UBC Sauder School of Business Website / DDB Canada
NOV 2018 - JAN 2019

- Built custom modules in Drupal 8 to sync API content to the new UBC

- Tools: Composer, Devel, Drupal Console, Drush

Operating Systems
- Linux (Ubuntu, Debian, Linux Mint, Red Hat/Fedora, CentOS)
- Mac OS X
- Windows

Technologies
- API: Bullhorn, Facebook Graph, Google Maps, IDX/RETS, Mailchimp, Paypal, Postman, SAML, Twitter
- Cloud: Acquia, Amazon AWS (EC2, Elastic Beanstalk, RDS, S3), Cloudflare, DigitalOcean, Heroku, Pantheon, Platform.sh
- Container: Docker, Lando, OpenShift
- Frameworks: CodeIgniter, Laravel, Symfony, Yii, Zend
- Front-end: Bootstrap, Bower, Grunt, gulp.js, LESS, npm, SASS, Twig, Webpack
- QA: BrowserStack, Google Lighthouse, Litmus, MailHog, PHP CodeSniffer, WAVE Web Accessibility Tool

Sauder School of Business website

DailyPure, Mayfield Creamery & TruMoo Websites / Thinkingbox
APR 2018 - JUL 2018

- Moved client's existing Drupal 7 websites to the Pantheon platform
- Provided technical documentation on code deployment and workflow

Sprout at Work Website
JUL 2017 - DEC 2017

- Developed an admin feature allowing company clients to schedule custom weekly emails
- Architected and constructed the backend and frontend interface for recommending content to the company's users

City of Toronto's Intranet Web Form Application
NOV 2016 - FEB 2017

- Developed internal web form application for city staff using various Javascript libraries and conforming to Web Content Accessibility Guidelines (WCAG 2.0)

IDRC Website / FCV Interactive
FEB 2016 - MAR 2016

- Migrated over 1,000 articles and publications from IDRC's SharePoint system to Drupal 7
- Advised Project Manager and stakeholders on strategies to migrate data

DBRS Website
JUN 2015 - NOV 2015

- Built an API using Drupal Services to sync thousands of historical credit ratings and other content from an internal middleware service
- Collaborated with publishing team to gather UI requirements and common use cases for the admin workflow
- Recommended and setup the Pantheon platform to host and manage the Drupal website

City of Ottawa's Permits & Business Licences Website / IBM
JAN 2015 - MAR 2015

- Built online application forms using Drupal 7's Form API and a responsive Bootstrap theme
- Integrated single sign-on with Shibboleth's SAML service provider

For complete work history, please visit https://www.dystopianblue.com/

EDUCATION

University of Toronto / Bachelor of Applied Science & Engineering, Computer Engineering

SEP 2000 - MAY 2005, TORONTO, CANADA

References available upon request