Garrett Albright • Freelance Web Developer

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Profile

I've been a professional full-stack web developer since with a degree in computer science. I have been working professionally since 2007. I specialize in back-end development with PHP with Drupal or CodeIgniter but have also worked with other frameworks. I have also done extensive front-end development and theming. I have worked primarily with open-source solutions and made significant contributions to open-source projects. I have a wide range of experience with sites and teams of various sizes and capabilities.

Other familiar technologies include the Git version control system, web server administration (with both Nginx and Apache on CentOS and Ubuntu Linux, FreeBSD, and OpenBSD), Cocoa and web development with Objective-C and Swift, and some Python and Java projects. I speak native English and conversational Japanese.

Experience

FREELANCE - JANUARY 2013 - PRESENT
Various clients, both Japan- and America-based. Major projects include implementing PDF and ePub export and interactive maps at Gamer Guides (https://www.gamerguides.com), a video game strategy guide provider, and maintaining payment processor integration and various other tasks for GeekSuit (https://geeksuit.com), an operator of various technology- and media-related sites; client work included CentOS- and Ubuntu-based server system administration as well as back-end and front-end web development.

MILES MEDIA GROUP, SUPERIOR, CO, USA (TELECOMMUTE), SEP 2015 - FEB 2016
Front-end and back-end development for various tourism web sites, including those for Williamsburg, Virginia (https://www.visitwilliamsburg.com/), Mammoth Lakes, California (https://www.visitmammoth.com/), and the Washington DC area (https://www.capitalregionusa.org/).

FFW (FORMERLY PROPEOPLE), BOISE, ID, USA, AUG 2013 - AUGUST 2015
Major projects include various functionality for Box (https://box.com/); Formula X nail products brand (http://formulax.com/), for which I wrote most of the photo uploading and color/product matching and management functionality; revamping the California Certified Organic Farming site (https://ccof.org/); and internal sites for Stanford University.

PINGV, INC, BOULDER, CO, USA (TELECOMMUTE), AUG 2012 - JANUARY 2013
Assisted in the development of a Drupal 7-based site for our client, Dwell Magazine. Major projects included implementing "most read stories" lists and integration with the DoubleClick advertising system and Lyris mailing list management system, all via custom modules.

ALETHIA, TOKYO, JAPAN, JUNE 2011 - JULY 2012
Maintained several pre-built Drupal 6 and 7 sites, including e-commerce sites. Implemented a module to integrate e-commerce sites with the Japan-based GMO Payment Gateway payment processing system against documentation entirely in Japanese. Also spearheaded development of a large Drupal 7-powered corporate HR site with a wide range of capabilities, including browser-based layout modification.

GOINGON NETWORKS, SAN FRANCISCO, CA, USA (TELECOMMUTE), JULY 2010 - JUNE 2011
Worked with a small but talented development team in developing a Drupal 6-based platform for higher education, allowing students of classes to communicate online about course material. Made great use of Features for managing configuration in code.

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PRECISION INTERMEDIA, FORTUNA, CA, USA, MAY 2007 - JUNE 2010
Developed several mostly small-scale Drupal sites, mostly for local clients. Oversaw transition from flat HTML or custom-built PHP sites to Drupal-based solutions for most of our web clients. Developed themes from Photoshop mock-ups by in-house artists. Maintained FreeBSD-based VPS for hosting.

Open source projects (partial list)

PATHOLOGIC, DRUPAL MODULE, HTTPS://WWW.DRUPAL.ORG/PROJECT/PATHOLOGIC
Widely-used module which provides an input filter to correct image and link paths in content in situations which often causes them to "break," such as RSS syndication or moving content from a staging to a production environment. Originally published in 2008 and maintained ever since.

DOTART, JAVASCRIPT APPLICATION, HTTPS://GITHUB.COM/GARRETTALBRIGHT/DOTART
An experiment in library-less JavaScript, DotArt is a JavaScript app (hosted in a web page) which converts images into patterns of dots using Unicode braille characters. Though the result is trivial, it was fun working with graphics and dealing with things such as dithering to get good-looking results and demonstrates that JavaScript libraries such as jQuery are no longer necessary for modern front-end web development.

Education

BS IN COMPUTER SCIENCE, SOFTWARE DEVELOPMENT, 2020
Western Governors University, Salt Lake City, UT (Online)

BA IN ENGLISH LITERATURE, 2004
Sonoma State University, Rohnert Park, CA

Certifications

COMPTIA PROJECT+, APRIL 2019
Project management

CIW USER INTERFACE DESIGNER, JANUARY 2019
General user interface design consideration

CIW ADVANCED HTML5 AND CSS3, DECEMBER 2018
General client-side web development

COMPTIA A+, JULY 2015
General computer system maintenance skills

COMPTIA NETWORK+, DECEMBER 2015
Computer networking implementation and maintenance skills

ACQUIA CERTIFIED DEVELOPER, APRIL 2014
Drupal back-end and front-end development and administration expertise