Damon Kelley

Denton, TX
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GitHub: http://github.com/damonkelley
Website: http://damonkelley.github.io

Skills

- Python and Django
- PHP, Symfony2, and Doctrine
- MySQL, Postgres
- Git
- Docker
- Basic knowledge of Go

- Linux Administration
- Ansible
- Experience building REST APIs
- Javascript, AngularJS, and jQuery
- HTML, CSS, Less, Sass
- Compass, Bootstrap, and Zurb Foundation

Experience

University of North Texas Libraries | Denton, TX
Software Developer   May 2014 - Present

- Working extensively with Python and Django.
- Responsible for development and maintenance of in-house content delivery software suite used to make 1,000,000+ digitized scholarly and/or historical artifacts discoverable.
- Refactoring and modernizing much of the existing legacy software to increase testability, improve maintainability and better reflect coding standards.
- Responsible for backend and frontend development.
- Responsible for development and release of the organization's open-source software packages.
- Introduced Docker as a way of managing development environments.
- Introduced more stringent requirements for software testing, code style, and code reviews.
- Introduced continuous integration into the development workflow.
- Mentor to junior developers.
- Responsible for server administration.
- Leading the migration from Subversion to Git and GitHub.

Bright March | Dallas, TX
Software Developer   Jan. 2014 - Present

- Building and maintaining bespoke web applications.
- Extensive development to integrate a third party CRM service, via an XML-RPC API.
- Influential in software design and architectural decisions.
- Applications and features developed have resulted in increased efficiency and revenue for clients.
- Updated deployment strategy to automate the upload of the project asset files to an S3 instance.
- Introduced Ansible as the new preferred method of provisioning VPS images and Vagrant boxes.
- Responsible for frequent deployments and server administration.
- Built trusting relationships with clients.

AIO Solutions | Richardson, TX
Support Team   Dec. 2012 - April 2014

- Built an internal application for tracking and uploading expense documentation.
- Assisted in development and maintenance of internal and client-owned web applications.
- Maintenance of servers, server backups, and deployment of new PCs.
- Provided server and desktop support.

Education

University of North Texas - College of Music

Instrumental Performance, Bachelor of Music   Aug. 2007 - Aug. 2012

- Instrument: Percussion. Minor in Music Theory
- Cumulative GPA of 3.67, cum laude

Projects

Django Name
Name Authority App written for Django
http://github.com/unt-libraries/django-name

- Upgraded to support Django 1.6 – 1.8.
- Restructured as a reusable Django app.
- Rewrote a substantial amount code to improve maintainability and testability.
- Redesigned the test suite and integrated some testing tools such as Tox. Increased the number of tests by a factor of 12.

Texas Choropleth
A Django project for generating choropleth maps of the state of Texas
http://texaschoropleth.org | http://github.com/unt-libraries/texas-choropleth

- Responsible for design, construction and maintenance, and deployment.

Bright March Vagrant Box
The standard Bright March Vagrant box for local development.
http://github.com/brightmarch/vagrant-box

- Initial development.
- Consolidated the provisioning scripts from all the projects that were utilizing vagrant within the organization, and created a base box.
- Converted the existing provisioning script into a series of Ansible roles.

OpensearchClient
An Opensearch search client library
http://github.com/unt-libraries/opensearch-client

- Designed and implemented to be used as a pluggable component to the untdl_opensearch drupal module.