Damon Kelley

Denton, TX
Phone: 260-894-1966
Email: damon.kelley@gmail.com

Github: damonkelley
Website: damonkelley.github.io

Skills

- Python and Django
- PHP, Symfony2, and Doctrine
- MySQL, Postgres
- Git
- Docker
- Ansible
- Linux Administration
- Javascript, AngularJS, and jQuery
- HTML, CSS, Less, Compass, Bootstrap, and Zurb Foundation
- Basic knowledge of Go
- Experience building REST APIs

Work Experience

University of North Texas Libraries - Denton, TX

Senior Developer - IT Programmer Analyst I   Dec. 2014 - Present

- Worked extensively with Python and Django.
- Responsible for development and maintenance of in-house content delivery software suite that receives 200,000+ hits daily.
- Tasked with modernizing much of the existing legacy software.
- 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.
- Responsible for some server administration.
- Lead the migration from Subversion to Git and Github.
- Introduced more stringent requirements for software testing, code style, and code reviews.
- Introduced continuous integration into the development workflow.

Software Developer - IT Programmer   May 2014 - Dec. 2014

- Responsible for the creation and maintenance of mobile-friendly user interfaces across the division's projects.
- Worked extensively with Python and Django.
- Built a Django project for creating interactive choropleth maps with user supplied data, leveraging D3 and Angular on the frontend.
- Created a library for interacting with Opensearch enabled resources via HTTP.

Bright March - Plano, TX

Software Developer   Jan. 2014 - Present

- Built and maintained bespoke web applications.
- Extensive development to integrate a third party CRM service, via an XML-RPC.
- 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 some server administration.
- Interacting directly with clients.

AIO Solutions - Richardson, TX
Systems Engineer   Dec. 2013 – April 2014

- Built an internal application for tracking and uploading expense documentation.
- Assisted in development and maintenance of internal web applications.
- Maintenance of servers, server backups, and deployment of new PCs.
- Assisted with onboarding of new clients.
- Maintained the internal knowledge-base.
- Available as a point of escalation for Level I Analysts.
- Frequently tasked with leveraging SQL to create tailored reports for customers.
- Provided on-site support when necessary.

Support Analyst   Dec. 2012 – Nov. 2013

- Wrote the test suite for the company's new custom CRM system which was developed in-house.
- Responsible for feature development and maintenance of various client-owned custom web applications.
- Designated on-site support technician for one of the company's largest clients.
- Managed diverse network environment that spanned 5 locations and over 100 users.
- Provided application and desktop support to the client.
- Maintained client's Active Directory, Microsoft Exchange instance, and VoIP system.
- Leveraged Group Policy Objects to automate the deployment of mapped drives, printers, and custom desktop configurations.

Education

University of North Texas – College of Music   Aug. 2007 – Aug. 2012
Instrumental Performance, Bachelor of Music
- Instrument: Percussion. Minor in Music Theory
- Cumulative GPA of 3.67, cum laude

Projects

Django Name – Github
- Upgraded the app to support Django 1.6 – 1.8.
- Restructured as a standalone app. Rewrote much of the code to improve maintainability.
- Redesigned the test suite and integrated some testing tools such as Tox. Increased the number of tests by a factor of 20.

Texas Choropleth – Github - http://texaschoropleth.org
- Responsible for design, construction and maintenance, and deployment.

Bright March Vagrant Box – Github
- 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 – Github
- Designed and implemented this library to be used as a pluggable component to the untdl_opensearch drupal module.