

Josh Finnie

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Application Developer

W <http://www.joshfinnie.com>

SKILLS

Programming Languages: Python: Pyramid, Django, Flask, Javascript: Node.js, Angular.js, PHP: Wordpress, Drupal, Ruby: Sinatra, Rails

Databases: MongoDB, PostgreSQL, MySQL, ArcSDE

Web: HTML5, jQuery, CSS

Other: Git, Twitter Bootstrap

EXPERIENCE

- December 2012 - Present **Software Developer IV**, *Koansys, LLC in support of DMI, Inc.*
Working on the Interactive Satellite Tracker (iSat) for Science@NASA. (<http://science.nasa.gov/iSat/>). Integral in deploying the application to production and adding enhancements to best serve our customer and the public.

Javascript, Django, 508 Compliance, UX Design, HTML, CSS
- December 2013 - March 2013 **Front-end Developer**, *Koansys, LLC in support of Zerowait Corporation*
Developed a front-end interface in Angular.js to interact with a custom Python API written using the Pyramid Framework and assisted in integrating the entire application onto a FreeBSD box for customer testing.

Angular.js, Python, jQuery, HTML, CSS, MongoDB, FreeBSD
- August 2012 - October 2012 **System Architect**, *Koansys, LLC in support of IndyPublish*
Migrated an existing web application written in ASP.net with an Oracle database to Amazon Web Services (AWS). Rewrote application using Django and MySQL and ensuring it was multi-zone redundant.

Django, MySQL, Amazon Web Services (EC2, S3, RDS), ASP.net, OracleDB
- February 2012 - Present **Application Developer**, *Koansys, LLC in support of CROI, LLC*
Maintain and enhance CROI's web application by building a custom administration interface to ease customer's workload. Keeping application and MongoDB versions up-to-date. Moved web application to AWS for CROI 2013 to support extra hits and database load. Sent out mass-mailing emails to CROI constituents.

Pyramid, MongoDB, STMP, Amazon Web Services (EC2, EBS)

- February 2012 - **IT Support**, *Koansys, LLC in support of Westover Management Group*
 Present Maintain the IT infrastructure of a 10+ person office including two Google App subscriptions, Blackberry phones, Apple hardware.
- May 2011 - **Trainer**, *Aetna*
 January 2012 Designed and developed curriculum based on business partner's needs and delivered training sessions to a uniquely- defined audiences of learners.
- July 2006 - **Plan Coordination Consultant**, *Aetna*
 May 2011 Assisted Account Management by being point of contact for installation of National Account plans and acted as a coordinator for multiple down-stream systems that feed from initial plan set-up.

PROJECTS

- BeerLedge A web application that allows users to create profiles and track beers that they have had. The application is built in Python originally using the Flask micro-framework and MySQL and has been refactored to use Django 1.5 and PostgreSQL self-hosted on Digital Ocean. (<https://www.beerledge.com>)
- How Old is this Metro Car A web application that allows users to check the age of a Washington Metro Area Transit Authority's cars. Built using Angular.js and hosted exclusively on AWS S3. The application is a proof-of-concept of a single-page web application written in Javascript and hosted on a static server provider. (<http://www.howoldisthismetrocar.com>)
- LastTweetPNG A web application and API that allows users to retrieve their last tweet in the PNG file format. The url is static but dynamically retrieves the users's latest tweet each time it is called. Built using Node.js and is self-hosted on Digital Ocean. (<http://www.lasttweetpng.com>)

Other projects can be found on Github. (<https://github.com/joshfinnie/>)

EDUCATION

Certificates of Continuing Education, *MongoDB University*, M101P: MongoDB for Developers & M102: MongoDB for DBAs

Masters of Science (expected), *Central Connecticut State University*, Geography

Bachelors of Art, *The University of Connecticut*, Economics

REFERRALS

Available upon request.