

David Mautz

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WORK EXPERIENCE

U.S. Treasury - Office of Financial Research

April 2013 – Present

Senior Developer

Washington, DC

- Development of the OFR Data Catalog to manage dataset metadata and process workflows using Ruby on Rails, Bootstrap, jQuery, Blacklight, and Solr
- PySpark ETL for various ingested datasets including the Secured Overnight Financing Rate (SOFR) in conjunction with the New York Federal Reserve and Financial Stability Oversight Council (FSOC)
- Development of the Personal Identity Verification data synchronization system for automation and management of employee Active Directory, Exchange, and Skype accounts using Ruby on Rails, Redis, Resque, LDAP, WinRM, and Powershell
- Development of custom Rails apps for tracking physical assets, software, budgeting, and performance metrics
- Configuration of full stack environments including Nginx, Apache, Postgres, and Redhat Linux servers
- Configuration and implementation of automated provisioning via continuous integration pipelines using Git, Atlassian Bamboo, and Capistrano
- Migration of applications to AWS Elastic Beanstalk, EC2 instances, and CloudFormation templates
- Facilitating Agile Scrum practices on development projects throughout the organization

U.S. Treasury - Office of the CIO

September 2010 – April 2013

IT Specialist

Washington, DC

- Administration of Sharepoint 2010 site collections, custom widgets, and user training for 16 offices
- Administration of BMC Remedy ticketing, incident, asset, change, and task management systems
- Development of PIV data synchronization system for automation and management of employee Active Directory, Exchange, and Lync accounts using IBM Tivoli Identity Manager

ACS Creative

September 2009 – September 2010

Lead Developer

Arlington, VA

- Wordpress site administration, theme development, and plugin modification
- Worked with a team of 11 different web designers to transform their Photoshop designs into templated Wordpress themes
- Management of over 50 client websites hosted on Rackspace cloud
- Implemented basic software development practices including version control, backup policy, stack standardization, and incremental development

EDUCATION

Louisiana State University

Baton Rouge, LA

MBA – Finance · May 2009

B.S. General Studies – Business, Economics, Communication Studies · December 2006

SKILLS & INTERESTS

- **Skills:** Ruby, Python, PySpark, HDFS, PHP, Javascript, CSS, HTML5, React.js, jQuery, Bootstrap, Wordpress, Sharepoint, Redhat, Active Directory, LDAP, Solr, Apache, Nginx, AWS, Azure, Heroku, Postgres, MySQL, SQL, Redis, JIRA, Bamboo, Tableau, Photoshop, Git, Capistrano, Stripe, Paypal, Shopify, Mailchimp
- **Interests:** Board games, green energy, tiny homes, blockchain, cryptocurrencies, weekend trips, New Orleans Saints, LSU Tigers, breweries, astronomy, scifi literature and movies, Asimov, Tesla, SpaceX
- **Other:** Certified Scrum Master, President of the Board – 1300 Mass Owner's Coop Inc., Washington, DC
Rock Paper Books – Instagram: @rockpaperbooks