

Jeremy Donson

Dev Ops Support Engineer

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<http://www.urbanspectra.com> (<http://www.urbanspectra.com>)

About

Dev ops support engineer focused on test-driven tooling and automation to facilitate preventive problem-solving. More than 10 years of hands-on development team support, including all infrastructure and platform testing. Skilled bash, mariadb and python programmer. Expert with performant data and web systems scaling.

Skills

Certifications Held

- mariaDB Database Administrator
- MySQL Database Administrator
- Oracle Database Administrator
- RedHat Linux Systems Administrator

Technologies

- Git, Gitlab, Github, Bitbucket
- CloudForms / ManageIQ
- OpenShift
- OpenStack
- Docker, DockerSwarm
- Ceph, Redis, Memcached, MongoDB
- MySQL, PostgreSQL

Languages Supported

- Bash, Expert, 10+ years
- Python, 5+ years
- C/C++, Intermediate, 5+ years
- Ruby, Intermediate, 5+ years

- Java, Intermediate, 5+ years
- Node.js, Novice, 2+ years
- Go, novice, 2+ years

Diagrams

- Analytical Workflow Modeling
- Divisions of Technical Roles and Concerns
- Federated LAN/WAN Security Models & Test Matrices
- Digital Ecosystems & Staffing
- Logical Network & System Models
- Physical Network & System Schematics
- Logical Process & Data Models
- Physical Process & Data Diagrams

Certifications Pending

- AWS Pro Architect
- Google Cloud + Kubernetes
- RedHat CloudForms + OpenStack + OpenShift
- CoreOS / Project Atomic

Work Experience

Bank of America, NYC

Development Team Support, Testing & Platform Automation Engineer

March, 2016 - Present

<https://bankofamerica.com> (<https://bankofamerica.com>)

Dev and admin team onboarding, training, testing, debugging, project management.

- SAAS
 - SAAS (<https://en.wikipedia.org/wiki/SAAS>) Diagramming () Training () Technical Project Management () User Interface Web Dev () Workflow Analysis () Definition of Requirements () Statements of Work () Invoices ()
 - PAAS
 - PAAS (<https://en.wikipedia.org/wiki/PAAS>) Supported Langs: go, python, node, ruby, C, java, lua, php, perl, etc OpenShift () Development Team Container Hosting Platform Engineering Dockerized (<https://docker.com/>) containers.
 - IAAS
 - IAAS (<https://en.wikipedia.org/wiki/IAAS>) Automated Network & Host Provisioning Via RedHat's Ansible () OpenStack () Private Cloud Platform Engineering CloudForms () Orchestration of Linux + Windows Server Private + Public Cloud: kvm, BareMetal, heroku, aws, gcloud, cf Software-Defined Networking: Nuage Container Service Hosting: OpenShift on Kubernetes
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Credit Suisse, NYC

Data Center Migration Project Manager + Dev Ops Engineer

2015, May - 2016, Feb

<http://www.creditsuisse.com> (<http://www.creditsuisse.com>)

- Developed Cassandra-based systems: generic content metadata, user activity feeds,
 - ElasticSearch-based content search.
 - Designed and developed game content permission system for users to buy, lend, and try content from the store. Dynamic permissions based on time, availability nad user properties like location, owned content and role groups.
 - Custom Go-based statistics server which aggregates context based game activities and achivements.
 - Introduced better quality with strong TDD, continous integration and development focus.
 - Major role in design process of game features and services.
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AdPrime Media, NYC

Dev Ops Engineer, DBA & Software Architect

2014, Dec - 2015 March

<http://www.gemilo.com> (<http://www.gemilo.com>)

Front and back-end developement of large, multipurpose collaboration SaaS platform.

- Design and development on major system components: permission system, caching framework, comments and blogging systems.
 - Development of in-house tools for Scrum management, server monitoring, Database migrations and more.
 - Pylons web framework / PostgreSQL / Javascript.
 - Strong TDD approach.
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The Economist Group, NYC

Open Source Dev Ops Engineer

2014, July - 2014, Nov

AWS, Drupal and Github Migrations

- Javascript tools and components.
 - Google maps integration.
 - Usability advisor.
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GooglePlay, NYC

Database Architect, Engineer & Developer

2014, March - June 2014

<http://youtube.com> (<http://youtube.com>)

Multiple service-oriented tools and a community portal. (video bookmarking, rss reader, TODO app, meta search engine).

MANY

Data & Web Systems Engineering Consultant

2012, Jan - 2014, Feb

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- Plan, design and develop PHP software.
 - Web security consulting.
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Barnes & Noble, NYC

Database Systems Engineer & Data Warehouse Architect

2011, Jan - 2011, Oct

Consulting and web development agency.

- Plan, design and develop PHP software.
 - Web security consulting.
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MANY

Data & Web Systems Engineering Consultant

2008, Sept - 2010, Dec

Consulting and web development agency.

- Plan, design and develop PHP software.
 - Web security consulting.
-

Hearst Digital Media

Senior Database Administrator & PHP Developer

2008, Feb - 2008, Sept

Consulting and web development agency.

- Plan, design and develop PHP software.
 - Web security consulting.
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Rodale Publishing

Drupal Architect, DBA, LAMP Engineer

2007, April - 2008, Jan

provided complete migration support from legacy proprietary CMS to LAMP stack

- Plan, design and develop PHP software.
 - Web security consulting.
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Projects

openresume

founder

2014 - Present

<http://> (<http://>)

Wine search engine and price comparator for Polish wine consumers.

- Pyramid web framework (<http://www.pylonsproject.org/>).
 - ElasticSearch.
 - Web scrapping.
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Piwwwo.pl

Frontend and backend developer

08-2014

<http://piwwwo.pl> (<http://piwwwo.pl>)

Piwwwo.pl is a beer journal and brewery database.

- Pyramid web framework (<http://www.pylonsproject.org/>).
 - SQLAlchemy ORM framework.
 - PostgreSQL database.
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Education

Columbia University

2000 - 2002

Enterprise Systems & Database Application Design & Development Program

Interests

- Web and data systems scalability and performance.
 - Development team onboarding, training and workflow analytics.
 - Logical data modeling, architecture and physical storage engineering.
 - Arts, Maths, Sciences, Education
 - Jazz - <http://google.com>
 - Cooking
 - Gardening
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Source on github (<https://github.com/jjdonson/resume>)