

Prince Williams

DevOps Engineer

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Strengths

Python & Bash

- Make in-house apps
- Customize vendor apps
- Build admin tools
- Automate admin tasks
- Construct API wrappers
- Craft custom CLIs

Systems Engineering

- Tune Linux machines
- Integrate Windows+Linux
- Architect virtual servers
- Design scalable clouds
- Build systems monitoring
- Ensure production uptime

DevOps

- Create Puppet Manifests
- Design Ansible Playbooks
- Build CI environments
- Develop unit tests
- Deploy production apps
- Document, always

Accomplishments

R. R. Donnelley

- **Dramatically enhanced coverage and accuracy of systems monitoring** by engineering a new monitoring infrastructure reporting on hundreds of nodes.
- **Improved maintainability and scalability of division-wide Puppet architecture** by designing a masterless Puppet architecture and contributing custom Python extensions.
- **Exponentially reduced issue-resolution times division-wide** by engineering, deploying, and contributing hundreds of articles to a new documentation system.
- **Decreased compliance audit turnaround times from days to only hours** by creating a Python framework to automate data collection and reporting.
- **Significantly improved systems administrators' efficiency** by creating command-line and web-app utilities to simplify common tasks (for example, [sshenv](#)).

FirstCare Health Plans

- **Saved operations staff hours daily** by creating self-service apps for legacy systems that we previously manually operated.
- **Saved operations staff hours weekly** by automating daily builds of business software.
- **Enhanced the quality and reduced the time of new-hire training** by crafting comprehensive documentation of operational processes where none previously existed.

Experience

- **May 2013 – Present:** Systems Engineer II, R.R. Donnelley, Austin, Texas
- **Dec 2011 – April 2013:** FirstCare Health Plans, Austin, Texas

Operator → Junior Admin → Application Support Developer

- **Jan 2011 – July 2011:** Junior Systems Administrator at HostGator in Austin, Texas

Education

Proudly self-taught.