

Jeffrey J. Ness

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DevOps Engineer | Linux Administrator | Python Developer

nessy.info | github.com/jness

ABOUT

Extensive system administrator experience working with Red Hat Enterprise Linux Servers. Multiple years of experience in large web hosting environments using Apache web servers, and MySQL databases. Skilled in writing Python backend services, tools, and web applications. Works well with others, and enjoys mentoring within the realm of open source software.

SKILLS

- **Automation** | Saltstack | Jenkins | Vagrant | Fabric
- **Amazon web services** | EC2 | ELB | RDS | Route53 | S3
- **Datstores** | MySQL | MariaDB | PostgreSQL | MongoDB
- **Operating systems** | Red Hat Enterprise Linux | CentOS | Ubuntu
- **Programming** | Bash | Python | Django | JSON
- **Web** | Apache | DNS | FTP | REST

EDUCATION

- *6/2005*: **Associates of Science**, Major in Networking Administration
Brooks College, Long Beach, California

OPEN SOURCE PROJECTS

- 2011: **IUS** Community Project | <https://ius.io/>

ACHIEVEMENTS

- 3/2008: **Comptia** Linux+ certificate
- 3/2009: **Red Hat** Certified Engineer | **expired**
- 11/2011: **Rackspace** Linux Administrator Level III exam

WORK EXPERIENCE

- 12/2014 - Present: **DevOps Engineer** | [BigRentz](#)

Designed, Architected, and Implemented the BigRentz AWS private cloud using Saltstack. Implemented the build, artifact and deploy process for C# backend services (ran with [mono](#)), and node.js frontend applications. Provisioned packer base boxes using Saltstack, these virtual machines ran on software engineer's macbooks using Vagrant. Ran elasticsearch cluster and kibana for data visualization of application logs. Ran the jenkins continuous integration server, and managed all automated database backups.

- 1/2013 - 12/2014: **Software Developer II** | [Rackspace](#)

The OS Deployment team handled automated operating system deployments on bare metal hardware. The application was written completely in Python, using a popular web framework, and PXE protocols. My day to day would involve creating pull request to address application bugs, and add features to the codebase. I would also assist datacenter operations by debugging failed kicks, and resolving issues.

→ *12/2011 - 1/2013:* **Software Developer II** | [Rackspace](#)

Create RPMs for the Red Hat Linux customers requiring custom packages, the majority of the packages created were PHP, MySQL, and Python. Provide packages to internal customers using a Red Hat Network system, and to external users using the Open Source IUS Community Project. To increase productivity, and consistency Python was used for many automated task and tools.

→ *4/2009 - 12/2011:* **Linux System Administrator II** | [Rackspace](#)

Manage customer's Linux based systems, this normally consist of a combination of Apache Web Service, MySQL Database Service, and PHP Applications. Much of the support was handled in conjunction with the customer; many of the times were during emergency situations for the customer, and their clients.

→ *4/2008 - 4/2009:* **Windows System Administrator II** | [Rackspace](#)

Manage customers Microsoft Windows based environments, this normally consist of a combination of IIS Web Service, MS-SQL Database Service, and ASP Applications. Much of the support was handled in conjunction with the customer; many times while during emergency situations for the customer, and their clients.

→ *2/2006 - 4/2008:* **System Administrator** | [Cogent System Inc.](#)

Managed the infrastructure for Cogent Systems, this included servers running Microsoft Windows, SuSE Linux, Redhat Linux, and IBM AIX UNIX. I also managed and all the Cisco networking equipment and security. As Cogent Systems was an international corporation, I was also responsible for satellite offices outside the state and country.