John A. Carter | Systems Administrator

About

An experienced and accomplished Systems Administrator, with a background in software development, that has demonstrated a strong passion for automation and innovation of all facets related to the software development life-cycle and all underlying infrastructure required. Looking for a position that would leverage principles from software development, traditional systems administration, and other principles under the DevOps umbrella, in order to contribute to, and improve, an overall customer value chain of an organization that shares some of the same passion.

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Work Experience

Principal Systems Administrator   2010 - Present

Hachette Book Group   http://www.hachettebookgroup.com
Provided infrastructure and application support for a book publishing company.

- Architected and implemented a complete private cloud infrastructure utilizing HP Servers, NetApp Storage, and VMware
- Migrated all legacy applications and physical servers to private cloud infrastructure
- Provided lead infrastructure support in effort involving transitioning off of mainframe-based application to more modern application framework hosted in private cloud infrastructure
- Developed enterprise-level job scheduler resposnible for stuff
- Developed infrastructure dashboards for executives providing real time stats and uptime
- Developed automated workflow for release of new builds to dev/test/stage/prod
- Implemented configuration management throughout the environment using Puppet
- Implemented a custom Puppet ENC that defined all nodes and what was to be installed on each node
- Developed a custom application that served as global repository of aggregated information about all infrastructure elements (servers, virtual machines, storage, databases, networks, etc.), dynamically populated by what is actually in the environment
- Implemented Kanban style workflow for Infrastructure Team which include specific checkpoints for elaboration and documentation
- Developed repeatable pattern for automation of all internally developed applications

Director of Technology   2006 - 2010

Digi-Net Technologies, Inc. Atlanta, GA   http://digi-net.com
Managed all software development and infrastructure supporting a varying range of Java-based SaaS applications

- Managed team of offshore developers in Novsibirsk, Russia
- Managed team of freelance development consultants
- Led development effort of a visitor profiling and engagement engine, used by Amtrak.com
- Led development effort of real estate web marketing application
- Led development effort of social network email client application
- Architected and implemented a complete private cloud infrastructure utilizing Dell Servers and Storage, and XenServer
- Migrated all legacy applications and physical servers to private cloud infrastructure
- Developed custom automated build / release processes
- Developed a custom reporting and analytics system using AWS

Senior Systems Administrator   2002 - 2006

Digi-Net Technologies, Inc.   http://digi-net.com
Managed all infrastructure supporting a varying range of Java-based SaaS applications

- Managed Cisco router with load balanced T1's for office connectivity and server hosting
- Migrated servers from local hosting to managed hosting provider
- Defined and implemented standardized installation and configuration guidlines for all servers in environment
- Automated provisioning of new accounts

Product Support Manager   2000 - 2002

Digi-Net Technologies, Inc.

Managed a team of product support engineers, supporting a varying range of Java-based applications on the web

- Wrote all of the end-user documentation for all of our software products
- Served as both technical and customer service escalation point for our customers
- Provided on-site training and operations for enterprise-level customers

Product Support Engineer

2000 - 2000

Digi-Net Technologies, Inc.

Provided end-user support for a Java-based chat application

- Provided end-user support to customers via phone, email, and chat
- Guided customer through installation of Java-based server software on a variety of operating systems
- Guided customer through integration process of Java applet into their existing web sites
- Provided basic web development support
- Quickly excelled to role of team lead

Skills

- ## Web Development
  - HTML
  - CSS
  - Javascript
  - PHP
  - Python

- ## Scripting
  - bash
  - PHP
  - Python

- ## Build / Release Management
  - git
  - subversion
  - Jenkins
  - Maven / Artifactory
  - Ant
  - Fabric