LE Manh Cuong

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Professional objectives

A position as a Senior Linux System Administrator (SAGE Level III) or a System Engineer that lets me utilize and expand my technical skills; and helps me to improve my communication skills.

Skills

- **Operating System:**

    - Unix: Mastering Linux Debian/Ubuntu/Centos 5,6,7/OpenSUSE, experience with FreeBSD, OpenBSD, Solaris.

        - Web servers: Apache, Nginx
        - Monitoring: Nagios, Ganglia
        - Deployment Management: Fabric, Rex
        - Configuration Management: Saltstack, Ansible
        - Database: PostgreSQL, MongoDB, MySQL
        - Cache: Redis, Memcached
        - Storage: DRBD, OCFS2
        - Firewall: iptables
        - HA: haproxy, corosync, pacemaker
        - Virtualization: Docker

    - Windows XP/7/2003/2008:
        - Active Directory, GPO
        - DFS
        - IIS 5.0, 6.0, 7.0

- **Tools:**

    - Mastering the UNIX tools chest:
        - Base
        - Administration
        - Experienced with Development tools

    - VCS: git, hg, svn

- **Programming:**

  - Go
    - Developing backend API application
    - Developing tools for system management

  - Perl:
    - Writing Nagios plugins for monitor system service, files...
    - Automate system administration tasks with Rexfile
      - Backup network devices
      - Managing users, softwares, logs
    - Processing, manipulating text file

  - Python:
    - Developing Web Application with Flask, Django
    - Designing and building REST API systems
    - Deployment management with fabric
    - Configuration management with salt stack

  - POSIX shell, Sed, AWK:
    - Mastering POSIX shell
    - Writing portable shell script
    - Writing wrapper scripts for system tasks

- **Networking:**

  - TCP/IP
  - HTTP
  - Cisco Routers
  - Cisco Switches
  - Draytek Virgo
  - Juniper Netscreen

Experience

System Engineer – VCCloud - VCCorp   *07/2015 – 09/2016*

- Maintaining and Developing Billing system for Public Cloud

- Developing new feature for private cloud system:
  - Customize Horizon
  - Writing cinder API extensions

Full Stack Engineer – Luxer   *04/2014 – 05/2015*

- Developing Web Application.

- Deploying and Managing customers products.

System Administrator – Adtech – VCCorp   *02/2013 – 04/2014*

- Monitoring, Optimizing, Designing biggest online advertising system in Vietnam.
  (In charge of 100 servers)

- Troubleshooting, Tunning system performance.

- Disaster recovering, High Availability system services.

- Developing tools for monitoring, HA systems

Network Solution Team - BKAV Corporation   *07/2012– 02/2013*

- Implementing and maintaining network environment by identifying network requirements,
  monitoring network performance, installing upgrades and backup network devices
  configuration.

- Setup and troubleshooting email system for small email marketing (less than 1 million mails per
  campaign) using MDaemon and hmail.

- Administer about 30 servers, run both Windows (2003, 2008) and Linux (Centos, Ubuntu).
  Mainly working is implementing services and writing scripts to backup data.