Mitesh Shah

Linux Enthusiast
System Administrator

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Summary

I am passionate about Linux and Open Source software.
I like to create reliable well-automated systems, that require minimal manual mainteinance. I believe lazy sysadmin is a good sysadmin ;)

Experience

WordPress Hosting Expert
[Freelance](#)
April 2016 – Present | Remote

- Server Hardening
- Patch Critical Security Vulnerability
- Setup Nagios Monitoring System & Status Pages
- Automate NGINX/PHP/MySQL & WordPress Setup and Monitor
- Setup Local Development Environment using Vagrant
- Automated Hourly/Daily/Weekly Backup and Email Alerts
- Perform Server Audit/Maintenance/Backup on Weekly basis
- Automate package update task via Ansible on Ubuntu servers

System Admin/DevOps Engineer
[WPMUDEV](#)
Feb 2017 – Present | Remote

- Responsible For Manage WPMUDEV Hosting servers
- Automate WPMUDEV Hosting Requirement/Setup via Ansible
- Manage WPMUDEV NGINX & ModSecurity Packages on [Launchpad](#)
- Manage Day to Day work with nearly 10K WPMUDEV Hosting Servers.
- Perform Server Audit/Maintenance/Update on Weekly basis into all 10 region hosted servers.

DevOps Engineer
Moxie NYC
April 2016 – September 2016 | Remote

- Server Hardening
- Patch Critical Security Vulnerability
- Setup Nagios Monitoring System & Status Pages
- Automate NGINX/PHP/MySQL Setup and Monitor
- Setup Local Development Environment using Vagrant
- Automated Hourly/Daily/Weekly Backup and Email Alerts
- Perform Server Audit/Maintenance/Backup on Weekly basis
- Automate package update task via Ansible on Ubuntu servers

System Administrator
Corona Labs
August 2016 – Jan 2017 | Bengaluru Area, India

- Server Hardening
- Patch Critical Security Vulnerability
- Setup/Manage Git Infrastructure using GitLab
- Setup Nagios & Grafana Monitor System And Alerts Emails
- Setup Centralized Log Management System via Syslog-ng
- Automate package update task via Ansible on Ubuntu/CentOS servers
- Optimize The NGINX/Apache/PHP/MySQL & Sysctl for better server performance

System Administrator
Perk.com
December 2014 – July 2016 | Bengaluru Area, India

- Server Hardening
- Patch Critical Security Vulnerability
- Setup/Manage Git Infrastructure using GitLab
- Setup/Optimise ELK { ElasticSearch, Logstash, Kibana } Stack
- Install/Update/Optimise Linux, Mac OS X, Windows Systems

Product Head - EasyEngine
EasyEngine.io
April 2014 – November 2014 | Pune Area, India

- EasyEngine written on Shell Scripts (5000+ Lines of Code)
- EasyEngine (ee) is a command line control panel to setup NGINX server on Debian/Ubuntu Linux distribution for HTML, PHP, MySQL, HHVM, PageSpeed and WordPress websites.
- Patch Critical Security Vulnerability - SSL Poodle, Heartbleed etc
- Maintain NGINX package with custom modules like ngx_pagespeed, lua etc
- Setup/Manage Continuous Integration (CI) using Jenkins from Scratch - Which start six different virtual machine to test EasyEngine on Debian/Ubuntu 32/64 bit systems.

Linux System Administrator

rtCamp.com

September 2012 – March 2014 | Pune Area, India

- Extensive experience as Linux (Ubuntu, Debian, Fedora, RHEL, CentOS, Backtrack) Server/System Administrator.
- Expertise in Linux Server/System installation, configuration, administration, troubleshooting, monitoring and backup & recovery methodologies.
- Expertise in the web server technologies such as Nginx, Gitolite, SSH, SFTP, IPTables, Fail2Ban, etc
- Responsible for blocking various websites and content filtering using Squid3 and DansGuardian software.
- Created EasyEngine (ee) to automate WordPress setup on Debian/Ubuntu based Linux Servers.

Linux System Administrator

Illuminati Solutions Pvt LTD

September 2010 – July 2012 | Bengaluru Area, India

- Responsible for various hardware and software acquisitions and implementations.
- Extensive experience as Linux (Ubuntu, Fedora, RHEL, CentOS, Backtrack) System Administrator.
- Expertise in Linux Server/System installation, configuration, administration, troubleshooting, monitoring and backup & recovery methodologies.
- Expertise in the support of fundamental technologies such as DNS, SSH, SFTP and FTP, TCP/IP, Samba.
- Responsible for blocking various websites and content filtering using Squid3 and DansGuardian software.
- Responsible for the implementation, administration and maintenance of company website hosted on local CentOS System.

Honors & Awards

Newbie rtCamper Of The Year

rtCamp.com

March 2013

Geekish rtCamper of The Year

rtCamp.com

March 2014

Projects

EasyEngine (ee)

- EasyEngine (ee) is a command line control panel to setup NGINX server on Debian/Ubuntu Linux distribution for HTML, PHP, MySQL, HHVM, PageSpeed and WordPress websites.
- EasyEngine's simple 1-line commands can do following stuff:
  - Complete Setup - Install NGINX, PHP, MySQL, Mail Server and dependencies in a single command.
  - HHVM & PageSpeed Support - Boost WordPress sites by enabling HHVM and PageSpeed using a single command.
  - Caching Options - Use W3Total Cache, WP Super Cache & Nginx's FastCGI Cache.
  - Config Optimization - Automatically tweaks server configuration as per available hardware resources.
  - Git-Backed Changes - All config changes are saved using Git so feel free to play with config!

Media Node

- A node.js wrapper for ffmpeg.
- Single command take care of install/setup Node.js & dependency on Debian/Ubuntu/CentOS Servers.

activeCollab Gitolite

- ac_gitolite module connects your activeCollab to gitolite seamlessly.
- activeCollab users can create new git repositories, manage SSH keys, read/write access, webhooks and much more, using the intuitive web-interface added in activeCollab.
- Once a repository gets created all git commands will work directly with gitolite server.
- All your git tools like netbeans and git-tower will work just right away!

NGINX Custom Package

- Build/Compile various NGINX flavor which include 3rd party modules like ngx_pagespeed, lua etc
- Quickly build NGINX stable/mainline by running single command.

Skills

Configuration Management
Ansible

Version Control
GIT SVN

Web/Application Server
NGINX APACHE

Continuous Integration
Jenkins Travis-CI

Database
MySQL MariaDB

Content Management System
Jekyll WordPress

Virtualization Platforms
Docker Vagrant

Programming Language
Shell Scripting Golang

Cloud Service
AWS Linode SoftLayer DigitalOcean

System Administrator
Linux Debian/Ubuntu Redhat/CentOS Mac OS X

DevOps Tools
Ansible Vagrant Docker ELK Stack Grafana Nagios Monit Squid3
OpenVPN GIT Github

Security Tools
Nmap Nikto WireShark TCPDUMP Fail2Ban IPTables Metasploit
Slowloris

OpenSource Contribution

appium/appium
✔ Fixed OpenJDK Java version RegExp

mudassir0909/jsonresume-theme-elegant
✔ Added URL in reference section

Facebook/augmented-traffic-control
✔ Typo Fix & Reported StyleSheet Issue on Django Framework #216

NginxInc/nginx-wiki
✔ Updated EasyEngine Definition

Blueliv/elk-config-examples
✔ Fix PDF URL

10up/WordPress-Server-Configs
✔ Nginx now support auto variable, so no need to change that variable when we change server

discourse/discourse
✔ Better way to retry curl command

pickhardt/betty
✔ Make curl silent

h5bp/server-configs-nginx
✔ Nginx now support auto variable, so no need to change that variable when we change server

creack/docker-vps
✔ Automatic Reload NGINX Service When Modify Any Configuration File under /etc/nginx/sites-available or /etc/nginx/sites-enable

bellthoven/bangsh
✔ Fix PATH Issue

wp-cli/wp-cli
✔ Fix WordPress SubDomain Issue

Recommendations

Mitesh worked mainly on EasyEngine @rtCamp. He single-handedly coded entire EasyEngine in early days. Later on, he builded a nice team to handle growth of the project. From hiring, training to mentoring - he managed his team very well. At the same time, he worked hard on customer support forum and actively contributed to many other open-source projects during his tenure at rtCamp. Apart from EasyEngine, Mitesh's knowledge on linux and security helped rtCamp in many areas. rtCamp is honored to have Mitesh working with us.

Rahul Bansal

Founder & CEO - rtCamp.com

Mitesh is a very proactive person and is very professional and friendly to work with. His skills in Ubuntu, System administration and Nginx is exceptional. He spearheaded one of the prime products at rtCamp called EasyEngine. He actively developed & maintained the product based on developer and community feedback. Mitesh is very helpful and resourceful and essentially a good team player. He helped me at various instances while EasyEngine was in it's baby steps. He also helped with production environment setups. He is creative and simplistic in his approach to solve problems and focuses on automation. I highly recommend Mitesh for his groundwork experience and exceptional skills.

Harsh Malewar

Software Engineer - Unifi Software

Mitesh is good at Shell Scripting and Linux System administration. He is capable of handling the whole team, There were around 10-15 developers, and he was able to help each one of them whenever required. He developed the EasyEngine-CLI tool to manage WordPress and other PHP hosting and handled all the support and other tasks related to it. He is really good at Server administration. I wish him best for his future endeavours. :)

Umesh Kumar

Code Wrangler - Incsub

Mitesh is a proactive and tireless contributor who would make a great addition to any team. He is a Top Notch Linux System Administrator and server security expert. He makes routine server tasks very easy by automating them with shell script. EasyEngine is best example for his shell scripting. Exploring to new technologies is his best feature. He is best at using NGINX, Pagespeed. Solving problems by analysing logs is strength he got. And the last but not least he is OpenSource lover, so he contributes to opensource projects.

Harshad Yeola

DevOps Engine - ShoppinPal

If it's Linux, there is Mitesh. Mitesh has extraordinary skills for system administration. He is a product head and lead developer of the EasyEngine project developed by rtCamp. He is very helpful to the colleagues and one will certainly enjoy and be benefited working with him.

Ankit Gade

WPML Support - OnTheGoSystems

Mitesh`s shell scripting skills are really great and he is very good at it. He has always helped in fixing issues related to servers of large traffic websites. EasyEngine was developed from scratch by Mitesh single handedly and it has made the life of Wordpress developers very easy. +1 to Mitesh for this awesome creation :-)

Chirag Swadia

Software Developer - Druva

Mitesh was the most geekish guy in the company. Go to him with any linux based problem and he would solve it in a jiffy. He paved the pioneer code for EasyEngine product for rtCamp. He was also responsible for the IT administration for the company and server maintenance for all the client server. He did a pretty good job at rtCamp.

Udit Desai

Software Engineer - TenFold

> *I can say Mitesh is a Technical giant and always keeps updating himself with latest technologies. I always like his approach while scrutinizing the issue and providing multiple solutions. He will be a critical piece to any company, especially for startups.*
>
> *Venkat Batchu*
>
> *Principal Quality Engineer - SAP Labs India*

> *Mitesh is extremely knowledgable an efficient, not just in Linux, but in how your application relates to Linux. As a contributor to Easy Engine, Mitesh has built many time-saving solutions and understands how best to customize new ones to help meet your needs. We love to lean on Mitesh because we know he is dependable and will do a great job.*
>
> *Thomas Bennett*
>
> *President -*

> *Mitesh has been a lifesaver. I was having some server issues due to poor configurations of previous admins. Mitesh stepped in and resolved things without hesitations. I now have great speed and reliability. He's very responsive and I feel safe in his hands even though I really can't comprehend most of the work he does. He explains it if I ask, but I have now just learned to trust him as an expert. I would definitely recommend Mitesh for your server needs.*
>
> *Chris Nolte*
>
> *Founder - Propel Bikes*

> *Mitesh is one of the best technical Hacker I ever worked with. His high expertise in Networking and Server Management made our jobs easier at Perk and Corona Labs. He helped me with lots of stuff, especially in shell scripting. He was responsible for the Security at Corona Labs and Perk. He is highly helpful, not only with the work things but also with personal tech helps. Mitesh's high expertise in Network and Security is highly needed for any company and certainly, he gets my full recommendation.*

RanjithKumar Matheswaran

Co-Founder & Developer - Unleash

I've been working with Mitesh for around a year and in that time Mitesh has supported and advised me. He is highly skilled and clearly has a passion for what he does. He is fair, professional, trustworthy and reliable, so for me to find someone I can work with, that is all these things and actually knows what they are talking about is rare. I will continue to work with Mitesh and am very please to have met him.

Rob Locke

Director/CTO - Function Web Ltd

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