



## Mitesh Shah

*Linux Enthusiast*  
*System Administrator*

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### Summary

I am passionate about making things easy/automate using shell scripts. I believe in “Stay Lazy” so most of my tasks are replaced by shell scripts :)

### Experience

#### System Administrator

##### Corona Labs

August 2016 – Present | 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

#### Linux 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

## **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**

[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](http://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](http://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](http://rtCamp.com)

March 2013

**Geekish rtCamper of The Year**[rtCamp.com](http://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

### 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

Perl

Python

### Cloud Service

AWS

Linode

SoftLayer

DigitalOcean

### Software

ELK Stack

Ansible

OpenVPN

Squid3

### System Administrator

Linux

Debian/Ubuntu

Redhat/CentOS

Mac OS X

### DevOps Tools

Docker

Vagrant

Ansible

ELK Stack

Nagios

Monit

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*  
Web Developer - rtCamp.com

*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*  
Web Developer - rtCamp.com

*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*

*System Administrator - rtCamp.com*

*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*

*Web Developer - rtCamp.com*

*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*

*Web Developer - rtCamp.com*

*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*

*Web Developer - rtCamp.com*



*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*  
QA Lead - Perk.com



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