# Syed Maad Jahangir

DevOps Engineer / Linux Systems Administrator

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## Technical Skills

**OS**
Linux: Debian/Ubuntu, CentOS; Windows: 2000, 2003, XP, Vista, 7, 2008, 2012

**Programming**
Ruby, Bash, Python, Batch, subversion, git, YAML, JSON, HTML, PHP

**Networking**
TCP/IP, Load balancing, nmap, HTTP, HTTPS, SSL, SSH, IPTables, DNS, FTP, sFTP, DHCP, NFS, Active Directory, SMTP, POP3, IMAP

**Technologies**
Digital Ocean, GCE, Vultr, Elastic Host, Linode, AWS: EC2, ELB, Autosacling, RDS, Route53, S3, CloudFront, VPC, EFS, SES.

Apache, Nginx, Varnish, IIS, HHVM, NodeJS, Passenger, Unicorn, HAproxy, Pound, Memcached, PHP-fpm, PHP7.

Ansible, Puppet, Terraform, Mcollective, RabbitMQ, Redis, Telegraf, Sensu, Prometheus, Graphite, Grafana, Zabbix, New Relic, Icinga, Monit.

MySQL, MariaDB, Mysql Percona, MongoDB, PostgreSQL.

OpenSSH, MySecureShell, proftpd, Shorewall, OpenVPN, L2TP/IPSec, Postfix, Rsnapshot, Duplicity.

Vmware ESX Server 4.1, Dockers, Vagrant, SharePoint, WSS 3.0.

**Applications**
Magento (with FPC), Wordpress (with W3TC), Drupal, Joomla, SugarCRM, MediaWiki, Laravel

# Professional Experience

### DevOps Engineer

Aurea Software, Austin, United States
Business Solution Providers

- Working on deploying new monitoring stack on all the products under Aurea's umbrella.
- Deploying monitoring stack consist of Prometheus, Telegraf and Grafana.
- Working on log monitoring by using ELK stack with filebeats.
- Analyzing custom requirements of products and providing solutions.
- Worked on Ansible playbooks for automating deploement process.

### DevOps Engineer
June 2014 - Sept 2016

Cloudways, Mosta, Malta
Managed service and PaaS provider

- Collaborated with my team on System automation using Puppet and Ansible.
- Administration of more than 5000 servers on different cloud providers.
- Developed various Ansible playbooks to automate different tasks on Cloudways Platform.
- Setting up monitoring system for Cloudways Platform/Console using Sensu and Graphite.
- Creating Ruby scripts for Sensu checks and Graphite.
- Used GIT for version controlling.
- Creating bash scripts to automate various tasks.
- Did brief research on Dockers and its usability against Cloudways Platform.

### Senior Linux System Administrator
May 2012 - May 2014

Cloudways, Mosta, Malta
Managed service and PaaS provider

- Installation, configuration and administration of Linux Servers, Maintain and Manage various services running in Linux system such as Apache, Nginx, HAProxy, MySQL (Replication), PostgreSQL, MongoDB, MariaDB, Shorewall, Varnish, Postfix, etc.
- Deployment and maintenance of Cloudways corporate customer's services and servers on Amazon Web Service, Google

Cloud Engine, Digital Ocean, Linode, CloudSigma and ElasticHosts.

- Working on different products of AWS that includes EC2, Autoscaling, VPC, ELB, RDS, Route53, Cloudfront, S3, EFS, etc.
- Installation, configuration, maintain and monitoring the availability of the network and services using Zabbix.
- Setup and maintain OpenVPN and L2TP/IPSec (via Racoon and SoftEther).
- Working on backups using Rsnapshot and Duplicity.
- Installation, migration, configuration and troubleshooting of Open source Application like Magento, Wordpress, Drupal, Joomla, etc.
- Configure Caching with the help of Varnish, FPC and W3TC on Magento and Wordpress.
- Perform load test on websites using 3rd Party tools like Blitz and LoadStorm.
- Setup and maintain Samba and NFS servers as corporate client's backup servers.
- Writing and maintaining documentation for multiple tasks and procedures.

## Junior Network Engineer

`August 2008 - Dec 2009`

eWorld Private Limited, Karachi, Pakistan
Internet and Hosting Service Provider

- Maintain and monitor Mail Services, Web Services, DNS Services and Network Infrastructure.
- Take measures to enhance network availability.
- Implement and document Network Changes and configurations.
- Management of IP addresses.
- Plan and implement monitoring and backup routine of NOC devices, configurations and Logs.
- Training of Technical Support Staff.
- Interaction with vendors and other service providers.

# Education

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|---|---|---|
| Degree | Bachelor of Science in Information Technology | `January 2008 - August 2011` |
| University | Preston Institute of Management, Science and Technology | |
| GPA | 3.5 / 4.0 | |