Jinsu Mathew P

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Kottayam, Kerala, India - 686010

 **PROFESSIONAL**

 **SUMMARY**

* 8+ years of IT experience which includes DevOps, Infrastructure automation and Systems Engineering.
* Supported over 600+ physical and virtual servers in a multiplatform environment consisting of Windows 2000, 2003, 2008, 2012, 2016, VMware ESX and Linux servers.
* More than 7+ years of experience in various flavors of Linux like CentOS, Debian, Ubuntu based servers and services like Apache, Postfix, Samba, Squid, Ftp etc., and databases like MySql, MS SQL etc.,
* Experience and knowledge of Active Directory, Hyper-V, VMware, IIS, WSUS and AD Group Policy.
* Experience in AWS services like EC2, EKS, ECS, VPC, Route 53, S3, RDS etc.,
* Experience in monitoring services like Zabbix, Nagios, Orion, Grafana etc.,
* Experience in Bash, PowerShell, Python Scripting.
* Experience with Configuration Management Tools like Ansible, Puppet, cfEgnine.
* Experience with DevOps Tools like Kubernetes, Docker, Terraform, Ansible.
* Experience with Continuous Integration Tools like Jenkins, Teamcity.
* Exposure in troubleshooting all application and network related problems in high traffic production environment.

 **TECHNICAL**

 **SKILLS**

**Operating Systems:**

* CentOS, Debian, Ubuntu, Windows 2000/2003/2008/2012/2016 Server/XP/Vista/7/8/10

**Hardware:**

* Dell Blade Servers (PowerEdge M610, R230, R610, R720, R720xd), HP Blade Servers (ProLiant G1, G5, G7)

**Service Administration:**

* Unix services like DHCP, DNS, NFS, FTP, NTP, SAMBA, SQUID, IPTABLES, User/Group Management, LVM, DRBD, OpenVPN etc.,
* Windows services like Active Directory, Group Policies, DHCP, DNS, IIS

**Web Servers:**

* Apache HTTP, Tomcat, Nginx

**Build/Release tools:**

* Jenkins, Teamcity, Git

**DevOps tools:**

* Kubernetes, Docker, Terraform, Ansible

**Firewalls/Security:**

* ASA Firewall, Iptables

**Monitoring:**

* Zabbix, Nagios, Orion, Grafana

**Virtualization:**

* VMware, AWS, Hyper-V

**Languages:**

* Bash/Shell scripting, PowerShell, Python, Java, JavaScript, PHP

**Database:**

* MySql, MS SQL

**Messaging:**

* Sendmail, Postfix

**Networking:**

* TCP/IP, LAN/WAN, VPN, FTP/TFTP, SSH, SFTP, ARP

DevOps/Systems Engineer (Full Time - Remote) – 2.4 Years 06/2018 to 09/2020

**Little Orbit | Orange County, California**

* Responsible for managing Windows 2106 DNS Servers, Active Directory Services, GPO management and WSUS.
* Wrote Puppet Modules/Manifests for managing and configuring Debian, Ubuntu, and Centos servers.
* Wrote PowerShell scripts, Bash scripts, SQL queries to monitor Game services, Web Servers, Databases health and status, Windows, and Linux log monitoring etc.,
* Installed, configured, and managed monitoring applications like Zabbix and Grafana.
* Installed, configured, and managed agentless inventory system and wrote python scripts to collect inventory over SNMP for Dell Physical Windows and Linux servers and VMware ESX servers and Virtual machines.
* Configuring and managing AWS resources using Terraform.
* Configuring and managing build tools like Jenkins, Teamcity.
* Troubleshooting, upgrading firmware and configuring Raid on Dell Blade Servers through iDrac and RACADM.
* Technical Support included all type of critical issues with game servers, web servers, MySql and MS SQL databases.
* Weekly Maintenance and patching game servers.
* Respond and resolve monitoring/network operation alerts.

DevOps/ Systems Engineer (Part Time - Remote) – 2.5 Years 04/2018 to 09/2020

**Winster, Inc. | San Francisco, California**

* Implemented and managed AWS ECS orchestration and containerization using Kubernetes and Terraform.
* Configured and managed Apache http, Tomcat, Postfix, Nagios, Cacti and cfEngine.
* Installed, configured, and managed Jenkins for automated build configurations.
* Installed, configured, and managed GitLab server.
* Installed, configured, and managed OpenVPN Server.
* Wrote ansible playbooks to manage and configure servers.
* Implemented NodeJS backend service for game services.

 Linux Engineer (Full Time - Remote) – 5.2 Years 03/2013 to 06/2018

 **Reloaded Games, Inc. (Acquired by Little Orbit) | Orange County, California**

* Responsible for supporting over 600+ physical and virtual servers.
* Installed, configured, administered Windows servers 2008/2012 DNS Servers, Active Directory Services, GPO management, WSUS, IIS Servers and Game Servers.
* Installed, configured, and administered Linux servers like Debian/Ubuntu/Centos game servers.
* Configured and managed Ubuntu Package Management system.
* Wrote PowerShell scripts and Shell scripts to automate day to day tasks.
* Installed, configured, and maintained ELK stack (Elasticsearch, Logstash and Kibana).
* Diagnosed and resolved Dell and HP blade server issues and escalating to datacenter technicians when necessary.
* Installed, configured, and managed monitoring applications like SolarWinds Orion and Zabbix.
* Managing and troubleshooting services like Postfix, Samba, NTP, Squid etc.,
* Installed and configured PROD and QA game servers, databases, web servers.
* Deployed servers on AWS cloud and managed Amazon web services (EC2, Route 53, S3).
* Responsible for maintaining Linux game servers and MySql databases stability and performance.
* Configured High availability for services.
* Troubleshooting network and game services and databases issues.
* Weekly Maintenance and patching game servers.
* Respond to Tier 3 customer support technical tickets for games.
* Respond and resolve monitoring/network operation alerts.

Systems Engineer (Part Time - Remote) – 1.5 Years 02/2014 to 07/2015

**Nway, Inc.** **| San Francisco, California**

* Responsible for managing Game servers, Active Directory, DHCP, DNS servers, FTP servers, AWS services.
* Configured and managed pfSense firewall.
* Configured and managed Nagios, Zabbix server and Pager Duty.
* Regular game maintenance and patching.
* Wrote scripts to automate day to day tasks and patching procedures.

Network Engineer (Full Time) – 1.10 Years 04/2011 to 02/2013

**K2 Network Pvt. Ltd. (Merged with Reloaded Games, Inc.) | Bangalore, Karnataka**

* Responsible for managing Site-to-Site VPN, ACLs, VLANs, Network security etc.,
* Configuring and managing ASA Firewall, Cisco Router 2600 series, Cisco Switches 2950 and HP ProCurve Switches.
* Managing HP Blade servers and EMC AX4-5i SAN.
* Managing Active Directory, DHCP, DNS Servers and Squid Proxy.
* Monitoring, troubleshooting and regular maintenance on game servers.
* Coordinated with game developers to troubleshoot issues, patching games etc.,
* Monitoring, configuring and tuning Linux and Windows virtual machines to improve its performance.
* Configuring RAID, installing OS and updates, and configuring game servers remotely over iDrac.
* Respond to tickets and resolve issues reported on helpdesk.
* Technical training for new member of staff.

 **WORK HISTORY**

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 **EDUCATION**

**Secondary Education** 03/2006

St. Joseph High School, Bangalore

**Senior Secondary Education**  06/2010

Open university, Bangalore

**Bachelor of Computer Applications**  05/2017

Open university, Bangalore

 **PERSONAL**

 **DETAILS**

Father’s Name : Mathew P D

Date of Birth : September 10, 1990

Marital Status : Single

Permanent Address : Flat #2B, Wexco Harward, Kalathipady, Kottayam, India - 686010

Nationality : Indian

Sexuality : Male

Languages Known : English, Hindi, Malayalam

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