**Prabhakar Prasad**

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**M. No - 9341214478**

* **10.6 years** of industry experience in complete IT Infrastructure :

 - Linux Server Management - Window server management - Vendor Development

 - IT Security Management - Network Management - I.T. internal Security Audit

 - VM Ware - Team Management - Contract Negotiations - License Management - Multi Domain Audits - VOIP Management - I.T. Helpdesk Management - AWS - Database Configuration & Backup

 - Postfix mail server - Devops - HSM

EMPLOYMENT SCAN

IT Infrastructure Manager - Bluestone Jewwellery and lifestyle pvt ltd.

Role :

- Experience in Configuration, Troubleshooting & Administration of Amazon Cloud Services (AWS) and Linux
- Experience in Administration of Domain Controller (AD), DNS, DHCP, Office 365, Team Foundation Server, Apache & IIS Server, MS SQL and MySQL Servers, McAfee Endpoint Suite with DLP, ZOHO, Email Service, cPanel, FortiGATE Firewall, IPsec VPN ,Inventory management, Documentation, Software licensing, defining Security & IP Policy

Technical Skills :

CLOUD COMPUTING
 Licence Management
OPERATING SYSTEMS - : Windows Server 2003, 2008 R2, 201 R2, 2016, Windows XP, 7, 8 & 10, Centos 5/6/7, Fedora & Ubuntu, Linux
 REPOSITORY/VERSION - CONTROL : Microsoft Team Foundation Server 2013, Apache Subversion (SVN)
SECURITY TOOLS : Fort iGATE Firewall, McAfee Endpoint Suite with Virus Scan Enterprise, DLP & Site adviser, Watch Guard Firewall.
PROTOCOLS/SERVICE: TCP/IP, Active Directory, DNS, WINS, DHCP, SMTP/POP3, VoIP, IIS, Apache and Tomcat 6, cPanel/WHM.

Technical lead and Manager - IT Infrastructure 2017 to Jan 2020

* Introduced Devops concept contributed in Infrastructure building like Jenkins ,Ansible server and Git server
* Worked on automation deployment of Application in hybrid cloud environment and in-house data centre.
* Lead planning, designing, implementation of different projects both private and public cloud.
* Enhancement, maintenance and support for different IT infrastructure components hosted either on AWS, on premise within 3 different data centres site, hosting our private cloud virtualization and storage
* Core responsibility was to own-support all aspects of IT production infrastructure support. Responsible for managing a team of 4 sys admins, supporting 50+ Physical, cloud, HSM, VM instances 50+ SaaS apps, 3 client sites.
* Help meet PCI compliance – Antivirus , OSSEC, hardening OS.
* Having good knowledge of AWS cloud HSM and Safe net HSM.
* Implementation of web application infrastructure stacks for different environments.
* Responsible for integrating and deploying java web app and web services to all different environments production, staging, dev via automation.
* OS, App server upgrades and patch updates on Red Hat, WebLogic and Apache servers.
* Migration of apps and appserver to newer and different platform of hardware and operating system.
* Played a key and critical role to help with various decision-making during designing, planning of different projects. Worked closely with java web app developers to deliver scalable IT infrastructure.
* Deploying open source technologies in premises
* Launching Amazon EC2 Cloud Instances using Amazon Images (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications.
* Involved in implementation of migration strategy from existing data centre to AWS
* Involved in creating necessary user role creation.
* Implemented AWS solutions using S3, RDS, EBS, Elastic Load Balancer, and Auto scaling groups.
* Performed AWS Cloud administration managing EC2 instances, S3, SES and SNS services.
* Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
* Migrated some of the on-premise database to AWS RDS databases.
* Experience on AWS Cloud management and Puppet automation using Perl scripts.
* Worked on Cost Effective systems using EC2 instances, Auto Scaling, Elastic Load Balancers and AMIs.
* Responsible for handling the performance issues of applications deployed in AWS environment.
* Mitigate failures using snapshots by utilizing EBS.
* Configured Elastic Load Balancers (ELB) and Auto scaling groups.
* Working with clients on an internal application to monitor the AWS accounts.
* Deployed open source postfix mail server and managing 250 users with 99.9 uptime
* Implemented Helpdesk Management Ticketing System to support in-house Infrastructure
* License Management: Handling Microsoft, Adobe, RHEL license agreement for compliance. Knowledge of PCI and ISO 27001 implementation.

**Remote support for Tarang US Client during 2014 to 2017**

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| 1. Project Name : Omnipay (Remote Project) |

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| Contribution | Manually create and issue certificate for critical application servers.Keep a track of overall health of the complete infrastructure.Work and resolve any issue effecting production.Monitor the existing HSMs in the environment and implementation of new HSMs with load balancer in Datacenter and cloud environments.Setting and administration backups of HSM.AWS infrastructure. AWS products such as EC2, RDS, VPC, IAM, Key Pair, and Elastic Load Balancing will be used to set up the AWS infrastructure.IN NCR DATA center Installation of Oracle 11g over Linux system and deployment of Application server.Completed the PCI –DSS certification for the client.Data encryption and protection using Symantec end pointWorked on symmetric and Asymmetric server certificate  |
| Client | Omnypay Deployment site NCR DATA CENTER  |
| Duration | Feb’2015 – June 2017 |
| 2. Project Name : Alpha Payment (Remote Project) |
| Description | Payment Gateway product acquires Merchant transaction covering ecommerce/MOTO/Recurring/VT and perform payment processing for merchants.  |
| Role | Senior Linux Admin  |
| Environment | RHEL , Postgres SQL, DATA PIPE DATA CENTER |
| Contribution | Implemented Application environment in Data pipe data center Implemented Postgres sql database server and administratingInstalling Postgres software remotely and creating new databases.  Managing Users, Roles, and Privileges for new as well as existing databases.Supported POSTGRESQL databases, backup restore and space management Installed clustered and replicated environments using PGPOOL Implemented Monitoring tools Nagios  |
| Client | Alpha Payment Deployment site DATA PIPE DATA CENTER  |
| Duration | Feb’2014 – Jan 2016  |

**As senior system Engineer - IT Infrastructure Services. 2010 to 2014**

**Job profile**

* Implementing IT Infrastructure.
* Procurement and Vendor Development
* Servers and Data Centre Management.
* I.T Internal Audit, I.T Security planning and I.T Helpdesk Team Management
* VPN Tunnel creation and maintenance
* Development of Learning Management System using MOODLE (Internal and customers)
* Deployment of AWS cloud server and Management.

**Highlights:**

* Setup and configured Windows 2008 Servers for domain networks, and maintained services such as DHCP, DNS, FTP and HTTP.
* Successfully managed the IT Infrastructure requirement.
* Implementation, designing and monitoring Servers placed at Data Centre and in-house & Group policy
* Vendor Management for better coordination and achieved stiff deadlines.
* Played a key role in successful completion of External Audit for IT infrastructure.
* Authored the I.T. Policy for the organization and deployed the same in the organization.
* Effectively handled internal support for corporate and external IT onsite employees

**As System Admin - IT Infrastructure Services. Nov 2006 to 2010**

**Accountabilities:**

* Helpdesk Management and execution.
* Managing all Desktops and Laptops with Team of 3 People as per SLA and Policy
* Asset and inventory management
* Managing VoIP Service for International Calling
* BPO Support system admin

Education

* BSc(Computers) from Himalayan University.

**Additional Information**

Technical Skills:
• HSM - AWS cloud HSM , Safenet
• AWS - EC2, S3, ELB, Auto scaling Servers, Glacier, Storage Elastic Beanstalk, Cloud Front Elastic Cache, RDS, Redshift, VPC, Route 53, Cloud watch, Cloud trail, ops work, IAM &Roles, SNS subscription service, Dynamo DB, SNS, SQS, S3
• OS platform - Linux(Red hat, CentOS, Ubuntu) & Windows Server 2012, ESXi.
• Middleware – Tomcat

• Web - Apache, nginx, , IIS
• Log management – Zabbix and log faces
• Directory/Database servers - AD. MSSQL, MySQL, PostgreSQL.
• Inventory, Project, Doc Management Apps - Smart sheet, Google Docs, Absolute Manage.
• Monitoring - Nagios,Newrelic and Zabbix .
• Hardware – Dell ,IBM
• Network- Utm 9 sophos AWS, Fortigate 110 c ,Untangle and Monowall

Devops Project-1 : Mahindra Comviva

Comviva is a value-added services provider for mobile operators. Comviva has customers in over 90 countries, predominantly in Asia, Middle East, Latin America and Africa. It offers messaging, mobile Internet, content, mobile commerce, prepaid and business support solutions.

Responsibilities

* Collaborated with Development and Support teams to setup a CI/CD environment.
* Coordinating the resources by working closely with Project Manager's for the release and Project Manager for all the Operational Projects
* Creating new jobs in Jenkins and managing the build related issues.
* Implementing Jenkins to perform build automation, Continuous Integration and Continuous deployment.
* Creating the Docker images and containers to maintain the applications.
* Configure the Grafana to monitor the applications.
* Creating containers using Dockerfile.
* Good hands on experience in Openshift to deploy the applications.
* Doing the day to day Build and deployments in pre-prod and production environments
* Integrated JUNIT for test cases and code coverage for Sonarqube in the build process.

Projecr-2: MC Payment

Founded in 2005, MC Payment started off as a payment technology and merchant service company to facilitate payment collection for commerce transactions between suppliers, merchants and end consumers in Singapore

Responsibilities

* Created and managing Continuous integration, Continuous deployment and Continuous Delivery pipeline using Jenkins declarative pipeline and Build pipeline plugins.
* Hold responsibility for any issues arise during release deployment and take accountability to get the issues fixed by involving different teams.Managed the data management lifecycle on AWS s3 different classes and life cycle rules.
* Knowledge on using AWS Cloud front, Route53, IAM custom policy generation, Cloud Formation.
* Created the Docker containers by writing the Docker files and integrated with Jenkins.
* Kubernetes and Docker for the runtime environment of the CI/CD system to build test & deploy.
* Monitoring the Jenkins builds environments and troubleshooting the issues in different stages of build and deployment process.
* Create and Maintain GIT Branching, Merging and Tagging across each production releases and perform builds using Jenkins Continuous Integration using maven Build scripts.
* Working with agile teams to manage the DevOps automation process setup for multiple application releases moving from Dev to Prod.
* Responsible for new server build requests, resolving disk space cleaning and subversion access issues and database setup activities.
* Responsible for planning and scheduling the QA, Stage, Prod deployments, preparing the release schedule and communicate across different zone teams in different time zone.

SCHOLASTICS

* Microsoft Certified System Administrator (MCSE)
* Training Attended for Symantec endpoint Security
* Training Attended Hadoop
* Luna HSM Training.
* Training attended for AWS