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**RAVI RAMANATHAN** 606 Lemonade Building

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**Career Objective:**

Detailed, analytical, and quality-oriented data processing professional seeking a position that provides long-term professional growth with goals of delivering scalable, robust and high-performance solution in the area of UNIX, AIX, RHEL, Windows with DevOps as Cloud (AWS & Azure) Administration.

**Professional Summary:**

Over 9.3 Years (111 Months) of experience in IT industry as System, Middleware, Storage, Cloud Administrator in UNIX/AIX/Linux/Windows & Devops with Cloud (IaaS / PaaS / SaaS)

Strong collaboration, team building & communication skills with proficiency at grasping new technical concepts quickly & utilize the same in a proficient manner

**Area of Expertise:**

AWS, Azure, DevOps, UNIX, AIX, RHEL, Windows, SAN, Middleware

**Certifications & Trainings:**

* **Red Hat** Certified **Engineer - RHEL 7** on **2018 (**Valid till 2021) Certification **ID:** [**180-019-416**](https://www.redhat.com/rhtapps/certification/badge/verify/3WNVZ3WRUOFMEN4YY3AOB73JPIAEQU3CUPSQX2KSDXT6RW46LQ3VFS7LTHTMYXYXRZARNID6YKBDE4U5NQYTCNA62RUWOCM34WWBUYQ=)
* **Microsoft** Certified **MCSA: Cloud Platform** – Certified on **2017** ( Implementing & Architecting Azure)
* **IBM** Certified **Enterprise Storage** Sales V4 / Technical Support V4 Candidate ID: SR8816827
* **IBM** Certified **Power Systems with POWER8** Sales / Scale-out / Enterprise Technical Sales Skills V1
* **IBM** Certified **System Administrator - AIX 6.1**on Power P Systems Candidate ID:SR7116328
* **IBM** Certified **WebSphere MQ Technical** Sales Professional v2 Candidate ID: SR8816827
* **IBM** Certified **Information Management DB2 10** Technical Professional v3 Candidate ID: SR8816827
* **IBM** Certified Specialist **SYSTEM X** Server Technical Principles V8 Candidate ID: SR5520023
* Completed ***AIX 6 Jumpstart for UNIX Professionals*** training in the month of Dec’2011
* **Microsoft** Certified **MCP- Windows Server Administration** – Certified on **2008** (Windows 2003 /XP)

**Technical Skills:**

* Technologies
  + DevOps – Git, Docker, Terraform, Chef, Puppet, Jenkins, Ansible, Nagios, NewRelic
  + Cloud – AWS ( EC2, S3, RDS, Elastic Load Balancing, VPC, Route53)
  + Cloud – Microsoft Azure (Platform services , ARM, storage , Virtual Networking)
  + UNIX - IBM AIX (V5.3, V6.1, V7.1 & V7.2), SUN Solaris, HP-UX
  + Linux – Redhat RHEL 5, 6 (6.5 ,6.7), 7 (7.1 & 7.2) , CentOS, Debian, Ubuntu, Kali
  + Microsoft Windows Server (2012R2 & 2016) and Infrastructures with Win7 , Win10
* Additional Technologies
  + HACMP , LPAR, DLPAR, LPAR, VIO, HMC V7 & V8, NIM
  + IBM Storwize V7K, V3.7K, DS8K& XIV
  + IBM WebSphere, MQ, Tuxedo, Web logic, Nginx & Apache
  + VMware ESXi 6 / vCenter Server 6
  + Ticket tools - ServiceNOW, HP Service Manager 7, BMC Remedy, Salesforce, Agile & Jira

**Educational Details:**

* **Bachelor of Engineering** in Electronics & Communication Engineering **(B.E – ECE)** from

P.R. Engineering College affiliated to **Anna University, India**

**Employment History:**

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| **Name Company** | **Designation** | **Address of the employer** | **From** | **To** | **Duration** |
| FIS PSS India Private Limited | Team Leader - Technology | No-25, The Viceroy Building, Sardar Patel road, Guindy, Chennai - 600032 | Jan 2014 | Oct 2017 | 3 Years and 9 Months |
| FIS PSS India Private Limited | Sr. Engineer - Technology | 3rd Floor, Fairmount Hiranandani Business park,  Powai, Mumbai - 400086 | Sep 2012 | Oct 2013 | 1 Year |
| ThinkApps Solutions Pvt. Ltd *(Deputed to Wipro InfoTech Pvt. Ltd )* | Sr. Engineer – Server Management | 1003, 10th Floor, Ashok Heights,  Nicholas Wadi, Off Parsi Panchayat Road, Andheri East, Mumbai - 400069 | Apr 2012 | Sep 2012 | 6 Months |
| MaxionSoft Solutions  (*Deputed to CTS India Pvt. Ltd)* | UNIX Administrator | #1897/C, Southend ‘C’ Main Road, Behind Central, Jayanagar 9th block, Bangalore – 560 078. | Nov 2008 | Apr 2012 | 3 Years and 5 Months |
| ANI Systems and Services | System Support Engineer (UNIX) | 12, Reddy Street, Saradha Nagar, Virugambakkam,Chennai-600 092. | Apr 2008 | Sep 2008 | 6 Months |

### Project Details:

**Latest Assignment:**

**Project 1:**

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| **Project Title** | **FIS - PSS Technology Operations** |
| **Duration** | Oct 2012 to Oct 2017 |
| **Designation/Role** | Team Leader – Technology |
| **Domain** | Banking |
| **Location** | India |

Project Description:

FIS Payment Solutions India Private Limited –Technology Team handles entire IT Infrastructure for Multiple banks. As a part of Technology team, we are providing support for both On-premises and Cloud Infrastructure, Software and Application environments.

Responsibilities:

* Responsible for End to End process of Cloud and System Administration including Planning, Customizing , Costing , Implementing, and integrating CI/CD Pipelines , Release and Automation of cloud infra with multi-platforms like UNIX, Linux & Windows using DevOps tools.
* Part of low-level architecture discussions and decisions for cross-functional projects in cloud infra
* Define, review system-level technical designs and user models
* Provide solutions to customers for building scalable, resilient and high performance application services on cloud using automation tools.
* Key participation in Migration of On-Premises Infrastructure to Cloud IaaS & PaaS migration
* Co-ordinate with Amazon & Microsoft technical teams to plan, implement as per project requirements.
* Taken care of SOP creation, Documentation & Review that documentations for the best architectural practices for building systems on cloud
* Handled L3 & L4 escalations of Linux & UNIX administration tasks like security, patching, troubleshooting OS / hardware issues, performance tuning, Vmware VM snapshot & template , PowerVM, KVM virtualization and HACMP clustering for a multi-geographical and multi-application environment Building, administrating and Perform troubleshooting on highly complex AIX configurations including standalone, DLPAR, WLPAR and Virtualization environments crossing multiple AIX functional areas.
* Customization of AIX & Linux servers depending on the application & project requirements for Dev/Test and highly critical Production environments
* Setup VIO server and configuring different LPARs per CPU and I/O resources
* RHEL servers package installation / upgradation / maintenance using Redhat satellite server
* VM template and snapshot creation for Critical PROD servers including Wintel and Linux servers
* VIO Server management through HMC console as well as CLI
* Disk mapping to the LPAR VIO clients using Vhost through VIO server using LUNS from storage
* VM template and snapshot creation for Critical PROD servers including Wintel and Linux servers
* New LUN mapping and adding space into datastore through VM console to provision to RHEL Linux hosts and taken care of disk management & data backup for RHEL servers using Snapshot backups
* Add / remove the Windows servers into AD and manage the AD replica from India Site.
* Handling software installation, updating and troubleshooting on systems
* Providing technical leadership to project teams by designing and supporting on premises (hardware /UNIX / Linux /Windows / middleware) and cloud solutions

**Previous Assignment I - Project 1:**

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| **Project Title** | **LBG IT Support (Lloyds Banking Group)**  (Deputed in Wipro Technologies, Lloyds Secure ODC, CDC5, Chennai) |
| **Duration** | Apr-2012 to Sep-2012 |
| **Designation/Role** | Sr. Engineer – Server Management– L2 |
| **Domain** | Banking |
| **Location** | Chennai, India |

Responsibilities:

* Taken care of Installation, configuration and maintenance of AIX & Linux servers, including AIX 5.X ,6.1 and AIX 7.1 and RHEL 5.x, 6.x CentOS, Debian Linux servers.
* Responsible for fixing booting related issues to fix booting problems in SMS modes
* Worked with paging space, creating, changing, removing and managing paging space
* Performance tuning, networking, system security, I/O monitoring and analysis
* Responsible for troubleshooting various LVM relates issues on AIX servers
* Main participant in Patch and package management on highly critical Production environments
* Taken care of user and group management and related issues
* Migrating Operating System from AIX 4.3. to AIX 5.X and AIX 5.X to AIX 6.1
* RHEL servers package installation / upgradation / maintenance using Yum repo and packages
* Day to day server management which includes LVM management, User Management, Software installations, job Scheduling, backup and restorations, Server restoration, taking backup
* File system creation and managing, checking file system integrity with fsck & logical volume related
* Worked on Performance problems determination and finding resolution by analyzing the performance
* Device management, including adding, changing, and configuring physical and logical devices Performance tuning and security hardening of UNIX & Linux servers as per the InfoSec policies
* Handled issues in Network File systems Configuration, troubleshooting network shared issues
* HP SM7 IT service management tool to reduce complexity and make user support request management a faultless integrated process

**Previous Assignment II - Project -1:**

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| **Project Title** | **CIGNA Infrastructure Support**  (Deputed in CTS India Pvt. Ltd, MEPZ, Chennai) |
| **Duration** | Jan-2010 to Apr 2012 |
| **Designation/Role** | UNIX Administrator/L2 support |
| **Domain** | Healthcare |
| **Location** | Chennai, India |

Responsibilities:

* Building and Administrating of AIX servers including standalone, DLPAR, WLPAR and Virtualization environments under multiple AIX functional needs
* Performing Troubleshooting techniques for resolving various issues on newly build servers
* Responsible for operations on Additional resources allocation like LUNs from storages and Network adapters for the newly build servers
* Creation of Multiple profile configuration on LPAR as VIO clients as per the requirement of projects
* Responsible for NIM installation, setting up NIM servers, clients, define the resources, Alternate Disk Migration with NIM and monitoring NIM alerts while installation through NIM
* Maintained the AIX servers with updated packages, patches and fixes as recommended by the Performance and Capacity Planning team
* Scheduling jobs using crontab editing, removing and checking cron logs
* Handled software installation, updating and troubleshooting on systems using NIM and media
* Performed the default image build on NIM server using mksysb image with basic configurations
* Responsible for taking system backups mksysb also make system backup through NIM, making archives of files and directories

**Project -2:**

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| **Project Title** | **Walgreens IT Support**  (Deputed in CTS India Pvt. Ltd, Chennai) |
| **Duration** | Nov-2008 to Dec-2009 |
| **Designation/Role** | Junior UNIX Administrator/L1 support |
| **Domain** | Healthcare |
| **Location** | Chennai, India |

Responsibilities:

* Ability to install, update and maintain AIX Linux &, Windows Systems
* Skilled at operating UNIX, Linux & Windows administration in multi-OS environments
* Installing, Configuring and Maintaining AIX , HACMP , Windows Server 2003 / 2008 servers
* Ability to troubleshoot HACMP and other OS related issues and resolve those problems
* Managing and Administrating the User Accounts
* Creating file systems and administrating LVM in Linux & UNIX AIX servers
* Software Installation and Maintenance as per the project requirement
* Troubleshooting the Software/Applications with respect to server OS related
* Checking for error report on Servers and taking necessary steps to resolve the HW/SW issues
* As per the project requirement, giving the permission to resources like Sudo filesystems & shares
* Providing technical support, analyze and troubleshoot the problems
* Assisted in solving the various performance issues of AIX / Windows
* Taking regular system backup using mksysb and VG backups using savevg or tape backups
* Facilitated the team members and customers in solving all technical issues

**Previous Assignment III**

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| **Project Title** | **ANI Systems and Services** |
| **Duration** | Apr-2008 to Sep-2008 |
| **Designation** | System Support Engineer (UNIX / Windows) |
| **Location** | Chennai, India |

Responsibilities:

* Taken care of Server management and support for both Linux UNIX & Windows environments
* Build/configure Linux, UNIX/AIX systems, setting up optimal RAID levels for protected data storage
* Windows server 2003 build and patch update in Active directory i.e. into domain
* Linux, AIX & HP systems administration via CLI as well as with tools like SMIT & SAM
* Logical Volume Management (LVM) & Filesystem management in Linux & AIX UNIX servers
* User, Group, Sudo and password management on AIX & Linux servers
* Disk Management, Disk replacement, Filesystem utilization & managemtns AIX using SMIT
* Performance Management & Tuning of AIX UNIX systems
* Responsible for monitoring cron jobs, batch processing and job scheduling
* Other standard system administration tasks performed, such as system monitoring, performance usage, network support, and user support