SARATH K R

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Objective

To work with a professional organization, in the area of technology in a healthy environment and add value to the organization, that offers security and professional growth while being resourceful and flexible.

Personal information

- Nationality: Indian
- Religion: Hindu
- Gender: Male
- Place: Bangalore
- Date of birth: Feb 20,1994
- Marital status: Married

Summary of Experience

Total Experience of 12 years 4 months in IT industry and excellent knowledge in Cloud, Linux, and DevOps Automation, Build and release Engineering, Configuration Management and a support role etc. Result oriented with proven success in strategic planning and problem solving.

Experience

Ernst & Young LLP   *May 2022 - Till date*
Senior Consultant

Allianz technology SE   *July 2020 - May 2022*
Senior Analyst

IBM India Pvt Ltd   *February 2020 - July 2020*
Technical Service Specialist

Tata Consultancy Services   *May 2016 - February 2020*
IT Analyst

HCL Services LTD   *October 2012 - April 2016*
Customer Support Engineer

Education

Govt Technial High School Shoranur
10th   *2009*
83%

Govt Poly Technical College Chelakkara
Diploma in Electronics Engineering   *2012*
74%

Skills

Microsoft Azure	RedHat Linux	SUSE Linux	Azure Devops	Azure Kubernetes Services

GitHub | Terraform | Ansible | Jenkins | AWS | Shell | PowerShell | Jira | Service Now

Azure Infrastructure | Microsoft Defender | Grafana | Prometheus | Agile | Scrum | ITIL

Zabbix | TrendMicro | McAfee | Splunk

Work Experience

E&Y LLP | DigiGST - Site Reliability Engineer

• Develop and maintain **Azure cloud infrastructure**, including virtual networks (**VNet**), storage accounts (**Blob, File Share**), and virtual machines (**VMs**).
• Automate **cloud-based deployments** using **Azure DevOps**.
• Administer Azure DevOps, managing **projects, repositories, user stories, boards, and pipelines**.
• Design and implement backup and disaster recovery solutions using **Azure Recovery Services Vault**.
• Develop and maintain Azure automation scripts (PowerShell) using **Azure Automation Accounts**.
• Implement **patch management solutions** with **Azure Update Management** for both Linux and Windows machines.
• Deploy, manage, and upgrade Azure Kubernetes Service (**AKS**) clusters.
• Manage **users** and **groups** in Azure Active Directory (**Microsoft Entra ID**).
• Perform **image hardening** based on **CIS Benchmarks** and distribute images via **Azure Compute Gallery**.
• Set up and maintain **CI/CD** pipelines for automated builds, testing, and deployments.
• Implement monitoring and logging solutions using tools like **Prometheus, Grafana**, ELK, and Datadog.
• Optimize cloud resources, **reduce costs**, and ensure high availability.
• Manage **Git** repositories, enforce **branching strategies**, and use **GitOps** for deployments.
• Implement **container image** scanning tools like Trivy and enforce security best practices in pipelines for secure application delivery.
• Develop **shell** and **PowerShell** scripts to automate manual tasks and improve operational efficiency.

Allianz Technology | Hybrid Cloud Operations - Site Reliability Engineer

• Automated the provisioning and configuration of AWS and Azure resources using Packer and Terraform.
• Managed AWS services, including **IAM, EC2, EBS, S3, VPC, Route 53, Auto Scaling, and CloudWatch**.
• Configured and managed Azure cloud resources such as Resource Groups, Virtual Machines, and Storage Accounts.
• Developed and implemented automation tasks using **Shell scripting, Ansible, and Puppet**.
• Set up automated deployments using **Git and Jenkins**.
• Built and managed virtual servers using VMware vRealize Automation (**VRA**).
• Deployed, scaled, and managed Red Hat infrastructure with **Red Hat Satellite**.
• Administered and maintained Linux servers (**RHEL 7 & 8**) in **VMware** and hybrid cloud environments.
• Performed patch management, troubleshooting, and administration of RHEL servers (both VMs and **physical servers**).
• Implemented security hardening based on **CIS** Benchmarks.
• Managed disk storage and LUNs using Logical Volume Manager (**LVM**).
• Troubleshot and resolved critical server-wide issues, providing **Level 3 support**.
• Handled and resolved system/application incidents based on severity levels.

- Followed **ITIL** best practices, ensuring efficient **Change, Incident, and Problem Management.**

TCS | L&G - Senior Cloud Engineer

- Configured and managed Azure resources, including **Virtual Machines, Storage Accounts, and Resource Groups**.
- Created and managed VM instances, configured **Blob Storage, Security Groups, Auto Scaling, and Load Balancers**.
- Worked with Azure Blob Storage, including blob creation, logging management, **SAS token** generation, and mounting storage to Virtual Machines.
- Configured and managed Network Security Groups (**NSGs**) to control instance access.
- Implemented Identity and Access Management (**IAM**) by creating roles, assigning policies, and managing user/group permissions.
- Worked on Azure **Dev-Test Labs** for migrating Virtual Machines across subscriptions.
- Created and attached artifacts to Azure Virtual Machines.
- Automated infrastructure deployment using Terraform scripts.
- Experience with Configuration Management tools like **Ansible**, using **SSH**-based system modules for automation.
- Developed machine images using Packer, ensuring consistency across multiple platforms.

Linux Administration - Managed Cloud Delivery

- Installed, configured, and administered various Linux Operating Systems, including **SuSE Linux 11/12** and **Red Hat Linux 6/7**.
- Managed **LVM** and **RAID** configurations for efficient storage management.
- Performed user and group administration, ensuring proper access control.
- Handled software package management using **Zypper, RPM**, and **YUM**.
- Configured and optimized **kernel parameters** and **system limits** for performance tuning.
- Monitored **system performance** and troubleshooting issues proactively.
- Configured and managed network interfaces, including troubleshooting network connectivity issues.
- Experience working with Hana Enterprise Cloud & SAP Cloud (Monsoon, XEN Citrix).
- Enabled and utilized **TCPDUMP** for network traffic analysis.
- Worked with **Xen** virtualization, including troubleshooting and management.
- Experience with IT Service Management tools like TIC & SPC for **incident and change management**.
- Handled high-priority incidents, coordinating with remote teams via **bridge calls** and Teams chats.
- Collaborated with hardware vendors and data centre teams for **hardware-related** issues.
- Automated processes using **CRON** job scheduling for system maintenance and task automation.
- Configured **NIC bonding** for improved network performance and redundancy.
- Administered remote systems via **SSH** for secure management.
- Managed system processes and daemons to ensure service availability.
- Configured and maintained NFS environments for shared file systems.
- Knowledgeable in **NFS**, **FTP**, **DNS**, and **SAMBA** server configurations.
- Troubleshooting experience with GPFS clusters and LDAP.
- Strong understanding of cloud infrastructure troubleshooting, including SAP HANA and AWS environments.

IBM
Was not allocated to any projects

HCL | Customer Support Engineer

• Experience on assembling and troubleshooting of Servers, Desktops and Laptops.
• Installation, Troubleshooting and configuration of LINUX & Windows on Laptop and workstations
• Installing and Troubleshooting User Desktops, Remote Site connectivity through third party tools,
• Test and repairing all Desktop, laptop and server hardware peripheral devices

Certification

Microsoft Azure Administrator AZ-104

Azure Solutions Architect Expert AZ-300

Awards

E&Y LLP - I am exceptional

E&Y LLP - Client Extraordinaire Awards

Language

- English
- Malayalam
- Hindi

Interests

- Surfing internet for exploring new technologies
- Listening to Music
- Watching movies
- Cooking

Declaration

I hereby declare that the above-mentioned information is correct to the best of my knowledge, and I bear the responsibility for the correctness of the above-mentioned particulars.

SARATH K R