

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.

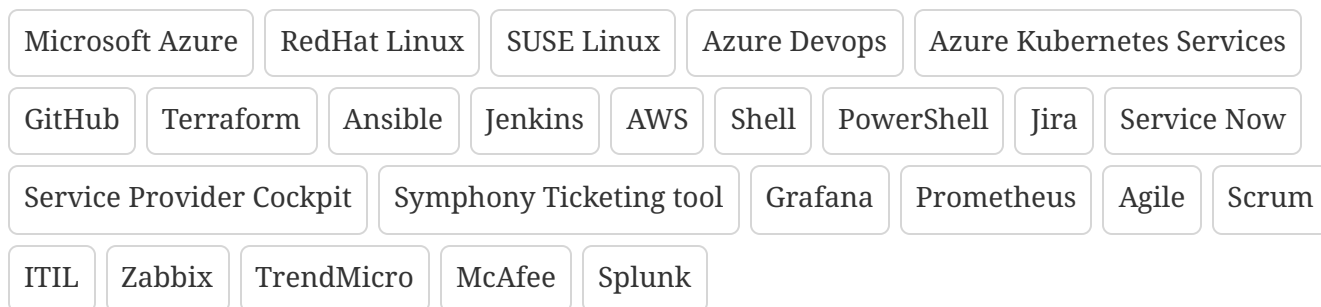
Experience

- **Ernst & Young LLP** May 2022
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** 2009
10th
83%
- **Govt Poly Technical College Chelakkara** 2012
Diploma in Electronics Engineering
74%

Skills



Roles and Responsibilities



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.



TCS

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).

- Troubleshoot 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.

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.
- Strong problem-solving skills, quick adaptability to new technologies, and a collaborative team player.

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 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.