

Arun S. Jois

Scaling new heights of success and leaving a mark of excellence in assignments which involve analytical capabilities and professional growth, targeting opportunities in **IT Infrastructure Management, Networking & Linux System Administration** with an organization of high repute across IT industry for mutual growth; preferably in Bangalore

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CORE COMPETENCIES



SOFT SKILLS



PUBLICATION

- “Telemetry Based Anomaly Detection and Correlation in Data Center” (IJRTE) ISSN: 2277-3878, Volume-9 Issue-1, May 2020



CERTIFICATION

- Pursuing Certification in Google Cloud Platform



PROFILE SUMMARY

- A result-oriented professional with **nearly 2 years** of experience in Linux system administration at production level, bash scripting / shell scripting, writing Ansible script for Linux servers, and writing Python script and Perl
- Monitored alerts, impacting cloud infrastructure and facilitated problem resolution for complex cloud infrastructure issues by escalating critical issues as per the Escalation Matrix
- Hands on work experience in GitOps
- Exposure in provisioning server with Foreman, PXE Boot and in-depth knowledge of internal working of ZFS
- Leveraged understanding of Application Architecture, Server Configuration, Network and Firewall concepts
- Protected data, software, and hardware by coordinating, planning and implementing network security measures
- Merit of providing network connectivity for externally hosted services using Virtual Private Network (VPN) tunnels, which allowed a secure & reliable way to access the internal Lightweight Directory Access Protocol (LDAP) and backup services
- Expertise in building CPU from scratch and exceptional understanding of computer hardware
- Configuring software's to automate routine tasks, experience in configuration vim and tmux, writing vimrc and tmux. conf respectively, and in creating aliases command in bashrc to run bash scripts and create custom commands
- Personal OTT platform using Samba and ZFS Created a personal OTT platform using Samba server for media streaming, currently containerizing the platform using Docker and Kubernetes



TECHNICAL SKILLS

- Linux, LVM, RAID, Linux Filesystems, ZFS, OSI Model and Local Area Networking (LAN), MySQL, and RDBMS
- Virtualization using libvirt, qemu, kvm, rsync, Samba, Bash, Java, JavaFX, Python, Perl, GCP, GKE, IAM, Puppet, Foreman, Ansible, Docker, Kubernetes, and Git



WORK EXPERIENCE

Jan'20 – Aug'21: NewFold Digital, Bangalore

Growth Path:



Key Result Areas:

- Worked on a project testing the feasibility of ZFS for backup system at scale
- Used GIT to track the configuration and maintained reliability of Infrastructure as code
- Configured management using Puppet for Infrastructure as code (IaC)
- Troubleshoot customer's cPanel related issues such as assigning quota to accounts (disk space, Email Accounts), customer's account to move between hosting plan, E-mail related issues in Exim, Dovecot, ApacheSpam Assassin, and issues with WordPress hosted site dealing with PHP and MYSQL
- Wrote Ansible script for Linux servers along with Perl
- Troubleshoot issues related to memory, storage, and networking on CentOS
- Created a Chatbot service using Google Cloud Pub/Sub and Hubot to run scripts on a target server and also to get system stats such as CPU idle time, and RAM usage
- Developed a proof of concept for auto remediation platform to diagnose using Zabbix and remediate server without human intervention and also to perform root cause analysis



EDUCATION

2020

Master of Computer Applications from R.V. College of Engineering, Bangalore

2017

Bachelor of Computer Applications from Govt. Home Science College, Hassan



ACADEMIC PROJECTS

- Web based LaTeX solution A web-based Latex document generator written in LAMP, where the user can generate a LATEX document without writing a line of latex code
- Hospital Management System on MEAN stack A Hospital bed management system on MEAN stack. Management tool to handle the availability bed in a hospital
- Social Media for College Social Networking for colleges. A website that facilitates social networking for college activities. Written in LAMP <https://github.com/arunjois/test>



PERSONAL DETAILS

Date of Birth: 01ST February 1997
Languages Known: English, Kannada, and Hindi
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