**Bangalore, India Sivachandran S +91 9686500639**

**sivachandran21.subramaniam@gmail.com**

**Professional Summary**

* Hands-on engineer with 10+ years of experience, overall focus in SRE, DevOps and Automation
* Skilled in designing complex architectures and in providing exceptional solutions
* Exposure to virtualization technologies like vSphere, vCenter, vSAN, NSX
* Well-versed in performance optimization, capacity planning, and cost estimation & reduction
* Prepared and implemented scripts for complete automation of build and deployment
* Expertise in adapting industry best practise in all the roles
* Experience in end-to-end SDLC and agile methodologies
* Flexible and willing to accept new responsibilities and challenges

**Skill**

* *Languages*: Python, Bash
* *Infrastructure*: AWS (EC2, S3, ELB, IAM, Route53, VPC)
* *Monitoring & Deployment*: Prometheus, Telegraf, Grafana, Kubernetes, Helm, Container, Docker, Nagios, Zabbix, Chef, Ansible
* *CI Tools*: Jenkins, Hudson & Cruise Control
* *Operating Systems*: Linux (RHEL, Ubuntu)
* *Others*: Elasticsearch, Kibana, MongoDB, ArgoCD

**Work Experience**

**Sr. Member of Technical Staff VMware Oct 2015 – till date**

* Built Unified Monitoring Platform to monitor DaaS Multi cloud applications and Infrastructure
* Implemented CI by managing multiple (Dev, Stage, Prod) Jenkins instance and created various pipelines using declarative Jenkins file and containerized all the jobs
* Contributed to CD by implementing the auto-promotion of microservices and solution
* Automated the deployment of various VMware Horizon Cloud Solutions
* Automated infrastructure automation on IBM SL
* Contributed to implement the monitoring and alerting for VMWare Horizon Cloud applications
* Contributed in setting up dynamic CMDB database for hosting customer onboarding data
* Mentoring the new joiners as part of the VMinclusion Mentorship program.
* Participated in Hackathon and VMware Radio
  + Predictive Intelligence for Horizon Cloud
  + Desired State Management as a Service
  + K8s best practices- k8s analyser

**Software Engineer Altisource Business Solutions Sept 2012 – Sept 2015**

* Infrastructure Automation with Chef
* Responsible for managing 200+ Linux servers which includes application deployment and DB script update as well as OS-level patching’s
* Development and roll out of cookbooks for multiple deployment and for multiple client Application on various Application Servers
* Took care of security breaches while deployment (Key stores, Encrypted Data Bags).
* Used Libraries, Data Bags, Encrypted Data Bags, Roles
* Monitoring of all the servers through Zabbix and AppDynamics
* Responsible for configuration, troubleshooting, management and optimization of servers
* Using Jenkins and Maven achieved Build Automation and Build management
* Leveraging Nexus repository for compiled code repository & versioning for further uses

**Technical Associate Tech Mahindra April 2010 - Sept 2012**

* Involved in creating the Repository for new Projects, base lining, maintenance of the server, User administration, backup and recovery
* Developed a centralized application Automated release notes which handle automatic check-in numbers for each release
* Supporting around 10 products which are developed and tested across the location in India.
* Creating builds/ Upgrade patches on ad-hoc for the local testing Application environment.
* Supported BT environment team to deploy and update application and patches
* CM administrator for SVN and Cruise Control tools by performing processes like user creation, Backup, and Process handling
* Creating daily/ad-hoc builds for different products using Cruise Control/Hudson
* Managing and executing multiple releases in parallel
* Written shell scripts to automate alerts on servers

**Education**

* Master of Computer Application from Kumaraguru College of Technology 2009 with 75%

**Awards and Recognition**

* In VMware got a “Certificate of Outstanding Recognition” for being customer advocate
* In Altisource got multiple performance awards for the outstanding contribution to automate Build and Release for projects from scratch. Involved in automating the products/applications onto the different environment