SRIPATHI KAMMARI

Email ID   : kammari.sripathi@gmail.com
Contact No   : +91 9440739965
Github Profile : `https://github.com/ksripathi`

PROFESSIONAL SUMMARY

- 3.7 years of experience as a DevOps and system engineering on multiple flavors of GNU/Linux systems

- Proficient in GNU/Linux, BASH and Python

- Proficient in Git and Github VCS

- Experience with Agile software development methods

- DevOps using Ansible, Vagarnt, OpenVZ, VirtualBox, KVM, Docker and Docker Swarm

- Systems level Proficiency in Virtualization Technology

- Experience with Micro Service Architectures

- Full stack development using Python, AngularJS, JavaScript, CSS and HTML

- Experience in AWS cloud services EC2, VPC and knowledge on other services

- Experience in working with ELK stack (Elasticsearch, Logstash and Kibana)

- Experience in configuration and automation of network cluster (10+ VMs) nodes using Ansible

- Experience in configuration of LAMP stack, Nginx, DNS, DHCP, SSH, Router and other servers

- Experience in writing firewall (IPTable) rules for RHEL CentOS servers

- Experience in system administration which includes maintenance of Email, DNS, LDAP, Github and other accounts

- Monitoring health status and maintenance of servers/services (100+ VMs) of production environment using Nagios tool

- Expert in programming using Literate Programming model with GNU Emacs org-mode and Sphinx tools

- Proficient in working with GNU Emacs editor for development environment

- Experience in working with OpenEdx platform, course management and customizing APIs.

PROFESSIONAL EXPERIENCE

VLEAD, IIIT-Hyderabad, India   Sep 2014 - till date
Project Engineer   *(3+ years)*

Roles and Responsibilities :

- Develop end to end micro services and web applications using literate programming model (using GNU Emacs org-mode, Sphinx)

- Setup continuous integration pipeline for projects (100 + VMs)

- Release and source code maintenance of Github repositories

- Log analysis of production servers using ELK stack

- Monitor and maintenance of test, stage and production servers (100+ VMs)

- Packaging servers/services using vagrant, docker and VirtualBox

- Configuration of CI and CD tools

- Writing backup, restore and migration scripts

- Administration of Github organization repositories, email, LDAP and DNS records.

TECHNICAL SKILLS

Operation Systems	GNU/Linux and Windows
Programming Languages	Python (Flask), BASH Shell, C and Java (Core)
Web Technologies	AngularJS, DOM, HTML, CSS, JavaScript, JQuery and PHP
Protocols and APIs	JSON, REST
Servers	Apache, Nginx, DNS (Bind), Firewall (IPTable) rules and DHCP
Automation tools	Ansible, Make
Databases	MySQL, NoSQL
Data Analytics Stack	ELK (Elasticsearch, Logstash and Kibana)
Version Control Systems	Git (Github, Gitlab and Bitbucket)
Virtualization	Vagrant, VirtualBox, KVM, OpenVZ and Docker
Cloud Computing	AWS (EC2, VPC)
Continuous Integration	Travis CI and Jenkins
Other tools	GNU Emacs, Redmine, MediaWiki

EDUCATION

Bachelor of Technology in Computer Science and Engineering   May 2010 - May 2014
IIIT-IDUPULAPAYA
Rajiv Gandhi University Of Knowledge Technologies, CGPA: 7.68/10.00

CERTIFICATION COURSES

- AWS certified Solutions Architect - Associate 2018

- REST API with Flask and Python

- Python and Django full stack developer bootcamp

- Linux Tutorials and Projects

INTERNSHIP/TRAINING

Spoorthi Communications Pvt Ltd, Hyderabad   May 2013 - July 2013
Media10   *Summer Intern (2 months)*

Project Undertaken: RSS Feed Reader