Mohammed Fazil

Software Engineer

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Career Objective

I am looking for a job, which could help me in exploring my potential, develop a competitive instinct and learn new technologies. I would be highly obliged to get a job in your esteemed organization.

Professional Experience

ACCOLITE DIGITAL – Senior Software Engineer [2021-Aug- Present]	
HCL – Senior Software Engineer [2020-2021]	
TCS – Analyst [2019-2020]	
IBM – Security Delivery Specialist [2015-2019]	

Certificates:

- Microsoft Cloud Certified: Azure (AZ-900)
- IBM Cloud Private Infrastructure and Architecture
- Red Hat Enterprise Linux 8 New Features for Experienced Linux Administrators
- IBM Cloud Migration Method Explorer
- Qualys Certified Specialist - Vulnerability Management

Roles and Responsibilities (Senior Software Engineer- DevOps)

Organization: ACCOLITE DIGITAL

- Acting as DevOps engineer for Digital Store Checkout Services team.
- Automated infra deployment using ansible roles.
- Implemented API limits using Istio rate limiting on different store services running on Kubernetes
- cluster.
- Experience in configuring Kubernetes-based solutions and clusters
- Setup CICD pipeline for deploying infrastructure on store servers using GitLab-CI on all environments.
- Automated monitoring setup of Prometheus, Grafana using Ansible.
- Experience in implementing CI/CD (Gitlab-ci).

- Experience in creating and managing Docker-based containers.
- Setup Helm, Docker, K3s, Prometheus, Istio, Nginx, Postgress and Redis using automation.
- configuring and supporting infrastructure components -GCP resources using Terraform.
- Managing IAM for all GCP resources using terraform.
- Experience in Agile development methodologies and release management techniques
- Ability to work independently, prioritizing work and meeting deadlines and goals consistently.
- Flexibility in working with a rapidly changing environment on and off hours.
- Experience with Production deployment and support in a fast paced environment.

Roles and Responsibilities (DevOps Engineer)

Organization: HCL Technologies
Client: IBM Software Labs

- Working on application deployments on Kubernetes
- Automating the Kubernetes application deployments with Ansible role.
- Performing molecule testing on the applications
- Encrypting and enabling Kubernetes applications with SSL/TLS
- Configured applications with Ldap
- Worked extensively to deploy and manage Confluent kafka application on Kubernetes with debezium
- connectors, zookeeper, controlcenter and other kafka components.
- Automated log flow integration from filebeat
- Using GitHub as source code manage.

Roles and Responsibilities (Senior software Engineer- DevOps)

Organization: TCS
Client: JPMorgan Chase & Co

Projects:
- L1 Automation
- DR Automation
- Event Automation

- Worked for automation projects which are using all DevOps culture with Agile-Scrum & Kanban.
- Using automation as a service framework to automate all possible L1 & DR strategies using Ansible, Bit bucket, RestAPI's and shell/python scripting on Linux/Windows servers for multiple banking applications.
- Creating jobs and workflows as execution process of automation pipeline.
- Analyzing ITSM documents and creating automation steps defined in ITSM documents through playbooks.
- Worked on different branches to develop the code.
- Worked on private cloud platform –Gaia cloud (JPMorgan's)
- Using Gaia Kubernetes Platform for managing application on docker containers.
- Used Jule for CI/CD (Integration of Jenkins)
- Deployments on Gaia Kubernetes

Roles and Responsibilities (Security Analyst (Risk, Audit and Compliance) – IBM

- Analyzing security processes and working on strengthening it.
- Handling SOX audits for the servers.

- Patching activities on the servers
- Health checking of the servers for every quarterly, Semi-annually and annually to make them compliant.
- Contribute to and maintain security posture of the system in accordance with internal and external Security Technical Implementation Guides, ITCS, GSD33, ISEC policies
- Setting and protecting Linux servers and supervising security logs and reports
- Improved entire enterprise security by adding effective security measures
- Installing and Updating (Reviewing) Linux patches on the servers.
- Established system controls and added security to computer files by regular backups
- Recognizing system's needs; researching and writing technical documents for reference of team and clients.
- Research and recommend innovative, and where possible, automated approaches for system administration tasks. Identify approaches that leverage resources.
- OS Installation and Maintenance in Linux boxes.
- User Administration: Creating, deleting, modifying, locking, unlocking and managing user accounts, and groups.
- Package management, adding and updating packages according to the requirements at most care by testing them on the preproduction environments by using yum and rpm.

Technical Skills:

Operating System	Linux , Windows
Version Control System	Git/GitHub, Bit bucket
CI/CD	Jenkins
Configuration Management	Ansible
Containerization platform	Docker, Docker Swarm and Kuberenetes
Cloud Platform	IBM Cloud ,AWS ,AZURE
Web server and application Server	WAS, Apache
Scripting	Shell Scripting
Build Tool	Maven
Migration Tools	HCX, VMWare Converter, Zerto
Security Tools	AWS Inspector, AWS Guard duty, IBM-IEM, HIP,OWSAP, Docker Bench
Atlassian	JIRA, Confluence

Education

Qualification	Stream	Board/ University	Year of Passing	Aggregate Percentage
B. Tech	Electronics	JNTU Hyderabad	2014	66
Intermediate	MPC	Board of Intermediate Education	2010	85
SSC	SSC	Board of Secondary School Education	2008	75

Personnel Details:

Date of Birth	30-04-1992
Gender	Male
Passport Available	Yes
Address	Hyderabad
Marital Status	Unmarried

PLACE: Hyderabad

Yours Sincerely   Mohammad Fazil