Yachika
Full Stack Developer

Summary

Software engineer having around 3 years of experience in managing platforms for Software and Product clients. I have expertise in Golang development, React JS, AWS Services, Automation, Databases and Performance Optimization. I am an analytical, self-motivated and future technology focused individual with interest and knowledge in various technologies.

Examination	University	Institute	Year(From-To)	Percentage/CGPA
B.E.(Computer Science & Engineering)	Chitkara University	Chitkara University, Punjab	2014-2018	7.9 CGPA
Class XII	C.B.S.E	Shishu Niketan Sr. Sec. School, Chandigarh	2012-2014	67%
Class X	P.S.E.B	Jeewan Model High School	2010-2012	89%

Skills

- **Programming languages**: Go, React JS, JavaScript, Bash, Python
- **Container Technology**: Docker, Kubernetes Ecosystem at Basic level
- **Databases**: PostgreSQL, MySQL, NoSQL Databases - MongoDB, InfluxDB, Elastic search
- **Infrastructure Automation:** Ansible
- **DevOps Tools:** Git, CircleCI, Jenkins
- **AWS Services:** EC2, ECS, IAM, S3, Route53, QuickSight, RDS, SNS, SQS, CloudWatch, Lambda, CloudFront, Elasticsearch, Kibana
- **On Premises:** Vmware, Openstack

Work Overview

InfraCloud Technologies (June 2019 – Till date) - Software Engineer

Working with **Integration Platform as a service** client where managing their platform - frontend and backend both and operations side of the project (AWS)

Roles and Responsibilities

- Experience writing APIs and server applications to meet product needs using Golang.

- Strong working knowledge in developing Restful web services using Golang

- Experienced in using GORM, Gorilla Mux to build REST APIs

- Good experience with Docker and have written optimized Dockerfiles

- Good hands-on experience in designing, developing, implementing and deploying applications on cloud using AWS

- Created load balancer in EC2 and route traffic to ECS

- Used Elasticsearch db to store user logs and used Kibana to visualize Elasticsearch data

- Used QuickSight to create and publish interactive BI dashboards and integrated that in web application for user analysis with row level security

- Created cloudwatch event to listen unhealthy events and publish to SNS

- Used webhooks to publish Amazon SNS messages to Slack using lambda

- Developed CircleCI for UI deployments and backend service deployments

- Experienced in using Auth0 for authenticating single page applications

- Experienced in developing React JS applications. Used webpack, craco configuration

- Experienced in securing web applications - adding security headers

- Experienced in deploying server side rendering applications using ECS and Static websites (client side rendering) using S3, cloudfront

- Designed, defined and documented Restful APIs in the Swagger Specification.

Msys Technologies (January 2018 - May 2019)– Software Engineer

June 2018 - May 2019:
- Developed an Openstack Cinder Plugin for block
  Skills: Python, Devstack
- Developed a third party Testing System for Openstack Event Stream
  Skills: Python, Ansible, Vmware, Jenkins, Docker

Roles and Responsibilities

- Experienced in writing Restful APIs using flask python

- Experienced in writing CRUD operations using python for MongoDB and InfluxDB

- Experienced with automating local gitlab setup using ansible

- Configured, and automated the deployment of Linux and VMware infrastructure through Kickstart Infrastructure.

- Implemented the setup for Master slave architecture to improve the Performance of Jenkins

- Experience with Openstack's Devstack environment
- Experience in creating Jenkins pipelines

January 2018 - May 2018:
- **Internship Project**
  System Monitoring Application: Created an agent which will fetch system monitoring data from any Linux system and then it will do a post request to flask application (Restful) which stores the data in influx db and mongodb. After that, developed an angular + JavaScript project, which gets the data from the flask application and display that data on the UI. Used chart.js to display the charts of time v/s used percentage of CPU and Memory

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Place: Pune

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(Yachika)