**VENKAT**

Python & GoLang Developer Email:venky.golang18@gmail.com

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# PROFESSIONAL SUMMARY:

Having 1+ years of experience in the IT industry, hands on experience with Python **AWS DevOps Engineer,GoLang Developer, Linux, and Windows Application Support.**

## SKILL SUMMARY:

* Proficiency in using data structure (**List**, **String**, **Set**, **Tuple**, **Dictionary**).
* Good knowledge in using function writing inside code a function based on program.
* Good knowledge in working with object oriented programmingconcepts.
* Implemented Exception handling and file handling concepts in programming.
* Proficient in using finial program language Lambda, Map, Filter.
* Having a knowledge on parsing techniques such as JSONand PICKEL.
* Knowledge on advanced concept called Decoders, Iterators and Generators.
* Expert in Cloud Technologies like Amazon Web Services (**AWS**) VPC, EC2, AMI, S3, IAM, RDS, ELB, ALB, EBS, Snapshots, ECS,EKS,Cloud Watch, Cloud Trail, SNS, SQS.
* Hands-on Experience in configuration of Network architecture on AWS with VPC, Subnets, Internet gateway, NAT, Route table.
* Good experience usingMaven for building java based web applications.
* Responsible for Dev, QA, Staging Environments for availability.
* Has a demonstrated background within the design, development, and implementation of GoLang application.
* Hands on experience with Configuration Management Tool such as Terraform**.**
* Experience with the GoLang language and integrating various stacks including, JSON and Python.
* Experienced in GoLang Micro services using Channels, Routines,Functional interfaces, and various frameworks.
* Experienced with Backend SQL/Oracle platforms and Connecting GO with **MYSQL**, databases.
* Experienced in container Technologies Docker and Kubernates Micro service.
* Developed Microservices using GoLang Gin-gonic.
* Good Experience on user level and files level Linux Commands.

# PROFESSIONAL EXPERIENCE:

* Working as a **GoLang Developer & DevOps Engineer** at **TATA Consultancy Services Pvt Ltd.** Bangalore from April 2023 to till now.

# TECHNICAL SKILLS:

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| Core Skills | DevOps Tools, Linux |
| Cloud Platform | AWS Amazon Web Services [EC2, Route53, S3, RDS, VPC, ELB, Cloud Watch, IAM, AMI, SNS] |
| Build Tool | Maven |
| Configuration Management Tool | Terraform |
| CI/CD Tool | Jenkins |
| Scripting Languages | Python, YAML, Shell Script |
| Ticketing Tool | Jira |
| Application Server | Apache Tomcat |
| Webservers | Apache and Nginx |
| Operating Systems | Windows, Linux |
| Databases/AWS RDS services | MySQL |
| Log Analysis | Cloud Watch, Prometheus and Grafana,elk |
| Artifactory | S3 |
| Networking Protocols | TCP/IP, SSH, DNS, HTTP, HTTPS |

**Project Details:**

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| **Project** | **GE AVIATION (Client-USA)** | **(April 2023 - till now)** |
| **Role** | **Python &GoLang & DevOps Engineer&kubernetes** | |

## Description:

GE Aviation, a subsidiary of General Electric, is headquartered in even dale, Ohio, outside Cincinnati. GE Aviation is among the top aircraft engine suppliers, and offers engines for the majority of commercial aircraft. GE Aviation is part of the General Electric conglomerate, which is one of the world's largest corporations.

## Roles & Responsibilities:

* Provisioned infrastructure of AWS resources by using terraform in lower environments like

Dev, QA and stage.

* Involved in infrastructure provisioning in higher environments UAT and PROD.
* Developed and implemented software applications and systems using various tools and technologies including Go Lang AWS and Docker.
* Launching Amazon EC2 Cloud Instances,RDS service using terraform and Configuring

launched instances with respect to specific applications.

* Installed and configured docker in EC2 Instances, Applications are running in Docker

containers.

* In custom Dashboard monitoring CPU,Memory usage of Ec2 Instances ,RDS service for all Environments.
* Create new API using GoLang.
* Experienced in creating Ansible roles for Applications.
* Worked with various Scripting languages like Bash Shell.
* Implemented bundles Includes Ansible Playbooks and Inventory file.
* Branching, Tagging, Release Activities on Version Control Tools: GIT, Gitlab.
* Developed GoLang Microservices and converted the user stories into Backend logic in service classes.
* Developed Rest API to Processes the data from DB to Another Rest Service using GoLang.
* Experience with relational databases such as MySQL and PostgreSQL .
* I have MySQL Database Connectivity with Python.
* Integration of Cloud with DevOps process includes Agile and CICD for making smooth

operational tasks.

* Developed and maintained Python-Based Applications for internal use.
* Worked on AWS Infrastructure, Including EC2 Instances, S3 Buckets, and RDS Databases.
* Created and Managed AWS Lambda Functions.
* Utilized IAM to manage Permissions and access control for AWS Resources

and improvements.

* Worked with Git for version control and JIRA and Confluence for project management.