



Ali Ashraf

Golang Developer

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Summary

- Extensive experience in building full-stack apps and **APIs** using **Golang** (microservices, REST, gRPC), **Python**(Django,Flask) and containerizing them using **docker** and **docker-compose**.
- Experience with building and maintaining **CI/CD** pipelines and managing **VPC(oracle,linode)**.
- Hands-on experience on projects with **concurrent programing** using **Golang** and building **microservices** in Golang.
- Enjoy contributing to **open source**.
- Self-motivated** and independent learner with a proactive approach to acquiring new skills and technologies. Committed to continuous improvement and innovation.
- Open to challenges and personal growth within a dynamic company. Possess a "**can-do**" attitude with a proven ability to **solve unfamiliar problems**.

Experience

Contact Center Spacialists (Cheyenne, WY)

Principal Software Engineer

Remote

Apr 2023 - Present

- Write **high-quality code** to meet business requirements, conduct thorough **code reviews**, and provide constructive feedback to team members.
- Contribute to system architecture **design discussions** by proposing solutions and evaluating alternatives.
- Serve as the primary point of contact for system issues, taking immediate action to **resolve** them or escalating to management as needed.
- Facilitate task understanding for less experienced team members and **collaborate** with QA and UI teams to ensure smooth testing and API integration.

<https://directccs.com/>

Contact Center Specialist (Cheyenne, WY)

Software Engineer

Remote

Apr 2022 – Mar 2023

- Designed and implemented reliable **REST APIs** to support front-end integration.
- Identified and resolved issues in outbound call generation, resulting in a **15%** increase in **call success** rates.
- Replaced a legacy outbound service with a resilient, high-performance solution, improving system request **processing time** by **52%** and reducing maintenance **costs** by **45%**.
- Enhanced service logging, leading to a **73.33%** improvement in issue detection and resolution times.
- Independently developed a critical service for an automated speech recognition (**ASR**) system used in campaigns.

<https://directccs.com/>

Contact Center Specialist (Cheyenne, WY)

Associate Software Engineer

Remote

Jul 2021 – Mar 2022

- Identified and addressed inefficiencies in application development processes.
- Documented **system design** and development workflows to ensure clarity and consistency.
- Implemented new services using **clean architecture** principles to enhance system design.
- Monitored, maintained, and upgraded existing services to ensure **optimal performance** and reliability.

<https://directccs.com/>

Education

University of Engineering and Technology, Lahore, Pakistan

Computer Science

3.3 GPA

Bachelors

Oct 2018 – Oct 2022

<https://uet.edu.pk/home/>

Projects

Helium

Helium is a workflow automation product developed by CCS. As a full time golang engineer at CCS my job is to develop, test, deploy, maintain and monitor all services of Helium.

Jan 2022 - Present

Golang, REST, gRPC, GCP, AWS S3, GCP Cloud Engine, GCP Cloud Run, postman, mysql, mongodb

<https://test-dot-heliumapp-dev.wl.r.appspot.com>

Swipe Shop - FYP

An E-commerce based mobile app with video based interface, where user can scroll videos and place order and management portal for sellers.

Mar 2021 - Apr 2022

Golang, Gorm, Mysql, Flutter, React, Azure.

<https://github.com/alidevhere/swipe-shop>

Tawhid Islamic Finance

Online islamic finance learning platform.

Oct 2022 - Feb 2023

Python(Django), Mysql, Nginx, Docker Compose, Linode, Github Actions.

<https://tawhidislamicfinance.com/>

Medicom

E-commerce website and management portal for medicines.

Aug 2020 - Dec 2020

Mysql, Python, Django

<https://github.com/alidevhere/Medicom>

Open Source Contributions

go-github

Github SDK in golang, contributed github actions cache module for sdk.

gorm

ORM for golang, contributed to issue fix regarding postgres SQL max identifier length.

larry

Twitter bot which tweets repositories from github, written in Golang. Contributed to a feature for adding repository creation dates in tweet.

csv-column-extractor

Golang package to extract only required columns from huge CSV files.

go-fast-downloader

Golang fast down loader package, for downloading files concurrently.

go channels, golang, goroutines, concurrency, package, http protocols

postgres

GORM PostgreSQL driver

golang, driver, postgresql

Certifications

AWS Certified Cloud Developer Associate

AWS

October 2023

<https://www.credly.com/badges/797c496a-04ee-4179-a309-7dd4f2501fab>

Azure Fundamentals Az-900

Microsoft

September 2021

<https://www.credly.com/badges/5b06adb8-3791-42e7-81e3-8483c492ba7c>

Skills

Programming languages

Golang, Python, Bash

API Design

REST, gRPC

Databases

Postgre SQL, MongoDB, MySQL

DevOps Tools

Nginx, Docker, Docker Compose

CI/CD

Github Actions, Bit Bucket pipelines

Cloud Services

AWS, Azure, GCP, Oracle, Linode

Interests

Cloud Computing, DevOps, Open Source Contributions, technical writing