

# SADLIL RHYTHOM

## Software Engineer

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Lives in Singapore, From Bangladesh.



## EXPERIENCE

### Senior Software Engineer

#### Grab

11/2017 - Ongoing Singapore

<https://grab.com>

Uses: Golang, gRPC, Kafka, Presto, AWS, Kubernetes, Docker.

- Lead small teams and Own multiple micro services that handles 10M+ events per day to support grabs large supply chain
- Designed, Architect and Build several micro services to scale
- Also worked as DevOps to support scalable cloud infrastructure
- Work closely to support Data Scientists and PMs

### Software Engineer

#### AppsCode Inc. (Former TigerWorks Ltd)

04/2015 - 11/2017 Dhaka, Bangladesh

<https://appscode.com>

Used: Golang, Java, gRPC, GCP, AWS, Azure, Kubernetes, Docker.

- Joined as #3 employee
- Led multiple teams to design & implement core features from scratch
- Also worked as DevOps Liaison to maintain infrastructures
- Worked to build kubernetes controller tools and services
- Worked to build a multi platform artifact repository for docker, maven, npm, composer.
- Contributed and worked with many open source projects including Kubernetes, Jenkins, Docker, GlusterFS, Phabricator

### Systems Engineering Consultant

#### Pathao Ltd

08/2017 - 10/2017 Dhaka, Bangladesh.

Used: Docker, Kubernetes, Prometheus, Grafana, GKE, GCP.

- Bootstrapped Google Container Engine based Infrastructure.
- Wrote developer system tools to help ease bootstrapping, monitoring GCE kubernetes clusters
- Trained and helped Engineers to understand and use kubernetes in large scale

### Jr. Software Engineer

#### Bit Mascot Pvt Ltd,

11/2014 - 03/2015 Dhaka, Bangladesh.

- Worked with Groovy Grails to implement features
- Worked as Full Stack Developer in multiple in-house projects, like - WebCommander, Autobill.

## LIFE PHILOSOPHY

*I don't Believe in Magic*

## PERSONALITY

ENTJ-A (The Commander)

<https://www.16personalities.com/profiles/57a0bb3ee941e>

## EDUCATION

### BSc in Information and Communication Technology

#### Mawlana Bhashani Science and Technology University

2011 - 2015 Tangail, Bangladesh.

## PROUD OF



#### Competitive Programming

Participated and performed well in 5 ICPC Dhaka Regional and 4 NCPC, with a lots of IUPC with achievements.



#### Open Source Enthusiastic

Uses and Love to Contribute in Open Sources. Proud to be a Contributor of Kubernetes.



#### Persistence & Dependable

Worked hard by planing and doing assignments done on time, to make a startup see the light.



#### Self Learner

Never stopped teaching myself.

## TECHNOLOGIES

Golang

C++

Java

ElasticSearch

MySQL

PgSQL

GCP

AWS

Azure

Docker

Kubernetes

HAProxy

GlusterFS

InfluxDB

Promethues

Grafana

Presto

Jenkins

gRPC

Kafka

## TOP PROJECTS

### Voyager

<https://github.com/appscode/voyager>

Voyager is a HAProxy backed secure L7 and L4 ingress controller with some extended features for Kubernetes. This can be used with any Kubernetes cloud providers including aws, gce, azure, acs. This can also be used with bare metal Kubernetes clusters.

- Designed and Implemented initial versions from scratch
- Lead a small team to develop core features for AppsCode
- Visit my site at <https://sadril.com/#projects> for more details.

### Joule

Kafka Stream based data aggregation adapter service, to combine grab's multiple business vertical data to one commonly understandable unit. Units are further used in supply shaping's calculations.

### Eagle

Grab's real time supply visualisation tool.

## PROFILES



LinkedIn

/in/sadril



Github

/sadril



Stack Overflow

/users/3476121/sadril



Twitter

/iamsadril



Personal Website

<https://sadril.com>



Flickr

\_sadril

## TOP OPEN SOURCE CONTRIBUTION



kubernetes / kubernetes

Production-Grade Container Scheduling and Management.



sadril / go-trigger

Global event trigger for go lang



appscode / voyager

Secure HAProxy Ingress Controller for Kubernetes



appscode / kubed

Kubernetes Cluster Daemon



kubernetes / dns

Kubernetes DNS service



appscode / g2

modern implementation of Gearman Job Server in Golang

## PASSION



Competitive Programming



Photography



Open Source

## ABILITIES

Teamwork



Leadership



Fast Learner

