# SADLIL RHYTHOM

## **Software Engineer**

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- **Q** Dublin, Ireland.



# **EXPERIENCE**

## Software Engineer, Site Reliability Engineering Google

- Memeber of Access SRE Team, Building and managing Google Corp's AuthN and AuthZ components.
- Owner of Icepick and Uplink Google's solution for nonstandard application to adopt <u>Beyondcorp</u> Zero Trust security model.
- 20% SWE Contributor to minikube.
- Designed and Implemented Reliable Websocket Transport model for Icepick, Increasing service reliability by 70%.

## Site Reliability Engineer - Core Infra **Booking.com**

Used: Golang, Kubernetes, docker, Puppet, Prometheus.

- Building, administering and ensuring reliability of Booking's cloud native multitenant Kubernetes Infrastructes.
- Worked with both onprem and multi cloud environments.
- Maintaining Large Scale monitoring system and ensures team meets SLO and SLA.

## Senior Software Engineer Grab

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

- Lead a small team and Owned multiple microservices that handles 10M+ events per day to support grabs large supply chain.
- Designed, Architect and Build 5 service from scratch to scale Grab's
- Also worked as SRE Liason to support scalable cloud infrastructure.
- Work closely to support Data Scientists and PMs.

# Software Engineer

#### AppsCode Inc.

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

- Joined as #3 employee.
- Led 2 teams to design & implement core features from scratch.
- Build multiple Kubernetes controller including Voyager, KubeDB, Kubed.
- Developed a multi-platform artifact repository for docker, maven, npm
- Contributed and worked with many open source projects including Kubernetes, Jenkins, Docker, GlusterFS, Phabricator.

# LIFE PHILOSOPHY

I don't Believe in Magic

## **PERSONALITY**

<u>ENTJ-A (The Commander)</u>

## **EDUCATION**

BSc in Information and **Communication Technology** Mawlana Bhashani Science and

**Technology University** 

# PROUD OF



#### **Competitive Programming**

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



## **Open Source**

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.

# OPEN SOURCE CONTRIBUTION



### voyagermesh/voyager

Secure HAProxy Ingress Controller for Kubernetes. Contributions.



#### kubernetes / minikube

Local Kubernetes. Contributions.



### sadlil / go-trigger

Global event trigger for Golang.Maintainer.

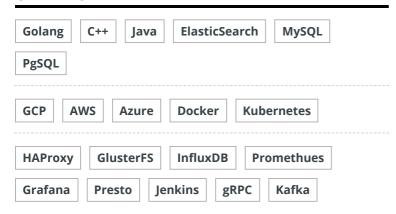
## **EXPERIENCE**

# Jr. Software Engineer

#### Bit Mascot Pvt Ltd,

- · Worked with Groovy Grails to implement feature works to improve their e-commerce customer satisfaction by 20%
- Worked as Full Stack Developer in multiple in-house projects, like -WebCommander, Autobill

# **SKILLS**



# **TOP PROJECTS**

## 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 bare metal clusters.

- Designed and Implemented initial versions from scratch
- Lead a small team to develop core features

### Joule

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

- Designed and Implemented initial version from scratch
- Enabled Driver Incentives feature for all business vertical

#### Eagle

Grab's real time supply visualisation tool. Displays real time or aggregated supply data on demand.

• Worked on APIs, Backend and storage integration

## Shipwright

Booking.com's Kubernetes Controller to support on-premise data centre rack maintenance. Put Kubernetes nodes to maintenance mode if needed and put back into the node poll after maintenance is completed.

# **OPEN SOURCE CONTRIBUTION**



#### kubernetes / kubernetes

Production-Grade Container Scheduling and Management. Contributions.



### giongto35/cloud-game

Web-based Cloud Gaming service for Retro Game.



#### appscode / kubed

Kubernetes Cluster Daemon. Contribution.

# **ABILITIES**

Teamwork

Leadership

**Fast Learner** 

# FIND ME ONLINE



#### Website

https://sadlil.com



#### **Github**

https://github.com/sadlil



## LinkedIn

https://www.linkedin.com/in/sadlil



#### **Twitter**

https://twitter.com/ksadlil



#### Medium

www.medium.com/@sadlil