

SADLIL RHYTHOM

Software Engineer

+353-0873537624

<https://sadlil.com>

@ kzirtm@gmail.com

📍 Dublin, Ireland.



EXPERIENCE

Software Engineer, Site Reliability Engineering

Google

📅 01/2020 - Ongoing 📍 Dublin, Ireland

- Member 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 [Beyondcorp](#) 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

📅 07/2019 - 12/2019 📍 Amsterdam, Netherlands

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

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

Senior Software Engineer

Grab

📅 11/2017 - 06/2019 📍 Singapore

🔗 <https://grab.com>

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 business.
- Also worked as SRE Liason to support scalable cloud infrastructure.
- Work closely to support Data Scientists and PMs.

Software Engineer

AppsCode Inc.

📅 04/2015 - 11/2017 📍 Dhaka, Bangladesh

🔗 <https://appscode.com>

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 and composer.
- Contributed and worked with many open source projects including Kubernetes, Jenkins, Docker, GlusterFS, Phabricator.

LIFE PHILOSOPHY

I don't Believe in Magic

PERSONALITY

ENTJ-A (The Commander)

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 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



voyagemesh/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,

11/2014 - 03/2015 Dhaka, Bangladesh.

- 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

Golang

C++

Java

ElasticSearch

MySQL

PgSQL

GCP

AWS

Azure

Docker

Kubernetes

HAProxy

GlusterFS

InfluxDB

Promethues

Grafana

Presto

Jenkins

gRPC

Kafka

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.



appcode / 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