

Mir Shahriar Sabuj

Software Engineer

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Experience

Software Engineer

AppsCode Ltd.

June 2015 – Ongoing

<https://appscode.com>
Dhaka, Bangladesh

Subsidiary company of **AppsCode Inc.**, USA, previously known as The TigerWorks Pvt. Ltd. Company works with a goal to make smother developing, testing, deploying and monitoring. One integrated platform for software development aspects.

Responsibilities:

- Built managed operators from scratch to run production-grade databases such as PostgreSQL, Elasticsearch, etc. easily on Kubernetes.
- Implemented alert management tool for Kubernetes resources.
- Designed and implemented CLI to handle Kubernetes custom resources.
- Worked on gRPC based API server.

Technical Skills

Language: Go Python C & C++ Java

Databases: PostgreSQL Elasticsearch InfluxDB MongoDB

Container: Kubernetes Docker

Cloud Platforms: GCP AWS DO Azure

Dev-Ops: Icinga2 Grafana Kibana Prometheus Searchlight

Others: gRPC Proto3 Pandas TensorFlow

Top Projects

Searchlight – is a Kubernetes operator to monitor resources and alert for issues based on Icinga2. (<https://github.com/appscode/searchlight>)

KubeDB – is making production-grade databases such as PostgreSQL, Elasticsearch, etc., easy on Kubernetes. (<https://kubedb.com>)

- Backup & restore from backup
- Cloning & Initialization
- Monitoring by Prometheus

Publications

- Opinion Mining Using Support Vector Machine with Web Based Diverse Data
- Opinion mining using Naïve Bayes
- A PSO based transportation network design optimization of the mega city Dhaka

ORCID: <https://orcid.org/0000-0002-7251-4233>

Education

B.Sc. in CSE

KUET, Bangladesh

Feb 2011 – May 2015

CGPA: 3.73 / 4.00

Volunteer Experience

Trainer

- Competitive programming at SGIPC
- IEEE crash-course on Python

Microsoft Student Partner

Organizer

- Intra University IQ contest at KUET
- NUB CSE Day Programming Contest

Activities

Competitive Programming
Participated in 3 Regional ICPC, 6 National Programming Contest and 2 Developing Contest

Stack Overflow Enthusiastic
5k+ reputations with top tags Python, Kubernetes and Go. Love to help with challenging problems.

Problem Solving
Solved 1200+ programming problems in UVa (aerokite) and LightOJ

Other Projects

- Barron's GRE (C#)
- Multiplayer Call-Bridge (Java)
- Desktop Calendar (Java)

Interests

- Machine Learning
- Data Analysis
- HCI
- Problem Solving
- Travelling