Osman Ali Chowdhury

Software Engineer

kimbbakar.github.io
github.com/kimbbakar
www.linkedin.com/in/kimbbakar
chowdhuryosman04@gmail.com
Phone: +8801621452135

Skills

Languages: Golang, C++, Python, Javascript, SQL.

Technology: Django, Flask, NodeJS, React, Redis, MySQL, MongoDB, RabbitMQ, Celery, gRPC, Thrift, AWS, Git.

Experience

NewsCred/ Software Engineer

October 2019 - Present

- Currently working in Tech debt and Maintenance team which is responsible for taking care of any sort of bug within customer SLA and increasing the test coverage of existing codebase.
- Launched a file-server backed by python Flask framework & AWS S3 service which able to render/upload files based on geolocation and impose access restriction with smart URL.
- Implemented content synchronizer between microservices based on changes in one end using Celery worker.
- Develop and maintain the content ingestion pipeline from various content provider's XML, RSS, and JSON feed with python and other AWS services.

KickBack Apps/ Software Engineer

January 2019 - September 2019

- Built & provisioned the backend of *PhoneLine* and its admin panel with Golang, Redis & RabbitMQ.
- Released an open-source Golang task processor *Cogman* powered by RabbitMQ, Redis & MongoDB.
- Launched the company's official web site with Javascript, CSS & HTML

East West University / Competitive Programming Trainer

May 2018 – February 2019

- Helped the student to build a strong basic CS background and improve their competitive programming skills.

Problem Setter and Judge

- Worked as an External problem curator for HackerRank. Set 40+ algorithmic problems for the coding interview.
- Problem setter and Judge in BACS High School Programming Contest 2018 & NSU Inter-University Girl's Programming Competition 2018.

Education

North South University / Bsc in Computer Science & Engineering
Summer 2013 - Spring 2019. Earned Credit: 128 out of 136.

Achievement

Sports Programmer
January 2013 – August 2018

1. **Onsite Contest:** Represented NSU in around 20+ National level programming contests. Among them, 9th, 12th, 14th, and 16th was the best position in the rank list.

2. **Online Contest:** Around two thousand problems have been solved in different types of online judges like UVa, LightOj, Spoj, Codeforces, Codechef, and TopCoder.

Project

Cogman: An asynchronous task processor in Golang.

- **Tools:** Golang, RabbitMQ, Redis, MongoDB
- **Github:** https://github.com/Kimbbakar/Cogman

BottleCap: Language Parser and Interpreter.

- **Toos:** Flex-Bison, C
- **Github:** https://github.com/Kimbbakar/BottleCap

Contest-Helper: Problem Solving Practice assistant

- **Tools:** Python, Django, Jquery, Bootstrap, CSS
- **Github:** https://github.com/Kimbbakar/Contest-Helper