

Sk Shahriar ahmed Raka

Software Engineer (Golang) | DHAKA, BANGLADESH

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SKILLS

PROGRAMMING

Over 5000 lines:

Golang • Python • TypeScript • Rust •
JavaScript • Bash • Powershell • C • C++

BACK-END

Gin(golang) • Fiber(golang) • UberFX •
Gorilla Mux • Fast Http • Nginx •
WebSocket • Socket.io • WebRTC • Grpc •
protocol buffer • WebTransport

DATABASE

MongoDB • PostgreSQL • ScyllaDB •
MySQL • Redis • Apache Cassandra •
TiDB • ClickHouse

DEVOPS

Docker • CI/CD Pipeline • Git • Github •
Github Action • Kubernetes • Terraform •
Jenkins • Argo CD • Tekton CI/CD

CLOUD SERVICES

Amazon Web Service • Microsoft Azure •
Vercel • OpenStack

FRONT-END

SvelteJS • SvelteKit • VueJS •
Tailwindcss • HTMX

MEDIA PROCESSING

FFmpeg • Transcoding • Adaptive Bit Rate
• Dash • HLS • fragmented MP4

LINKS

Website:// www.ahmedraka.me/
Github:// [@skshahriarahmedraka](https://github.com/skshahriarahmedraka)
LinkedIn:// [@shahriarraka](https://www.linkedin.com/in/@shahriarraka)
StackOverflow:// [@u/12216779](https://stackoverflow.com/u/12216779)
Mobile:// +8801838810189
Medium:// [@shahriarraka](https://www.medium.com/@shahriarraka)
Twitter:// [@shahriarraka7](https://twitter.com/@shahriarraka7)
Leetcode:// [@AhmedRaka](https://leetcode.com/@AhmedRaka)
Upwork://
[@freelancers/~0107ef3405bffb57e](https://www.freelancers.com/~0107ef3405bffb57e)

EDUCATION

**PABNA UNIVERSITY OF
SCIENCE AND TECHNOLOGY**
BACHELOR'S IN
COMPUTER SCIENCE AND
ENGINEERING
2018 - 2023

EXPERIENCE

SOFTWARE ENGINEER (GOLANG) | GOTIPATH,(NUSRATECH LTD.)

Dec 2023 – present

- Built advanced **CDN • Streaming • Video Transcoder and Cloud services**
- Skills: Content Distribution Networks • Adaptive Streaming • Data Streaming • Live Video Streaming • Streaming Media • Docker • Gin • Real Time Streaming Protocol (RTSP) • HLS • Dash • ClickHouse • TiDB

SOFTWARE DEVELOPER (GOLANG) | UPWORK (FREELANCER)

March 2023 – present

- Accomplished Professional Specializing in Building, Maintaining, and Debugging **Complex Backend and Infrastructure**
- Skills: **Go (Programming Language)** • Docker • PostgreSQL • Apache Kafka • MongoDB • ArgoCD • Tekton CI/CD • Kubernetes , Knative , Terraform

FULL-STACK SOFTWARE ENGINEER | SMART CLASSROOM

PABNA UNIVERISTY OF SCIENCE AND TECHNOLOGY

May 2023 – Nov 2023

- Smart Classroom is a realtime student recognition and monitoring system.
- Deep Learning : **YOLOv8, Bytetracker, Dlib**
- Frontend: **Sveltekit**, Backend: **Golang**, CI/CD: **Docker, Jenkins, Kubernetes**

PERSONAL PROJECTS

MESSENGER | A DISCORD LIKE PLATFORM

Friend Request, Chat, Send Coin

Golang(Gorilla mux) | SvelteKit | Nginx | Docker | Kubernetes | MongoDB

github.com/skshahriarahmedraka/messenger

GAME STATION | A EPIC GAMESTORE LIKE PLATFORM

Buy & Sell Game Using Personal Wallet

Golang(Gin Framework) | SvelteKit | Nginx | Docker | Kubernetes | PostgreSQL

github.com/skshahriarahmedraka/GameStation

NULL POINTER | A STACKOVERFLOW LIKE PLATFORM

Ask & Answer Question, Write Blogs

Golang(Fiber Framework) | SvelteKit | Nginx | Docker | Kubernetes | ScyllaDB

github.com/skshahriarahmedraka/NullPointer

CERTIFICATIONS

- Go Kubernetes Expert with Azure Challenge - **Microsoft**
- Architecting with Google Kubernetes Engine Specialization - **Google Cloud**
- Linux Essentials - **Linux Professional Institute**
- Competitive Programmer's Core Skills - **Saint Petersburg State University**
- Introduction to Cybersecurity - **Cisco**
- NSE 1, NSE 2 Network Security Associate - **Fortinet**
- CyberArk Certified Trustee - **CyberArk**
- ICSI | CNSS Certified Network Security Specialist - **ICSI (International CyberSecurity Institute)**
- Data Structures and Algorithm Specialization - **University of California San Diego**
- **IBM Data Science Professional Certificate**