

# Sk Shahriar Ahmed Raka

Golang Developer & Full-Stack Software Engineer | DHAKA, BANGLADESH  
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## SKILLS

### PROGRAMMING

Over 5000 lines:

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

### BACK-END

Gorilla Mux • Gin(golang) • Fiber(golang) •  
Nginx • WebSocket • Socket.io • WebRTC •  
gRPC • Protocol Buffer

### DATABASE

MongoDB • PostgreSQL • MySQL •  
Redis • Elastic Search

### FRONT-END

SvelteJS • SvelteKit • TailwindCSS •  
HTML • video.js • Dash.js • Hls.js • VueJS

### DEVOPS

Docker • CI/CD Pipeline • Git • Github •  
Github Action • Kubernetes • Terraform

### CLOUD SERVICES

Microsoft Azure • Google Cloud Platform  
• Vercel

### DEVELOPER TOOLS

VScode • Goland • IntelliJ • Atom • Jupyter  
Notebook • Datagrip

### OPERATING SYSTEM

Ubuntu • Redhat • Debian • Kali linux •  
CentOS

### PENTESTING TOOLS

BurpSuit • OWASP • Nessus • Wireshark

## LINKS

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

## EDUCATION

### PABNA UNIVERSITY OF SCIENCE AND TECHNOLOGY

BACHELOR'S IN COMPUTER SCIENCE  
March 2018 - Present  
Excellent Standing

## PROJECTS

### MESSANGER | A FACEBOOK MESSENGER LIKE PLATFORM

Friend Request, Chat, Send Coin

Golang | SvelteKit | Nginx | Docker | Kubernetes | MongoDB

[github.com/skshahriarahmedraka/messenger](https://github.com/skshahriarahmedraka/messenger)

- User interfaced is designed using **TailwindCSS**, SVG images This application is completely serverless application ,
- A robust Api is designed using **Gorilla Mux** router (Golang) , for loadbalancer **Nginx** is used as a container inside **Kubernetes**
- For storing data high availability i used simple also very efficient DB schema **MongoDB** is used for store all messages and user data

### GAMESTATION | A EPIC GAMESTORE LIKE PLATFORM

Buy Game, Recharge wallet

Golang | SvelteKit | Nginx | Docker | Kubernetes | PostgreSQL | MongoDB

[github.com/skshahriarahmedraka/GameStation](https://github.com/skshahriarahmedraka/GameStation)

- Frontend is designed using **SvelteJS** framework & **tailwindCSS**
- Backend is developed using Golang with **Gorilla mux** router **MongoDB** is used for reliable data storage solution
- **Nginx** is used for distributing load and consistent security
- For easily deploying application I used **Docker** container management system For managing multiple containers orchestration **Kubernetes**

### HEAPOVERFLOW | A STACKOVERFLOW LIKE PLATFORM

Ask & Answer Questions , Give Upvote/Downvote

Golang | SvelteKit | Nginx | Docker | Kubernetes | PostgreSQL

[github.com/skshahriarahmedraka/HeapOverflow](https://github.com/skshahriarahmedraka/HeapOverflow)

- User interfaced is designed using **Tailwindcss**, SVG images This application is completely serverless application ,
- A scalable , low latency and efficient API is designed using **Gorilla Mux** router (Golang) , for loadbalancer **Nginx** is used as a container inside **Kubernetes**
- For storing data high availability i used very efficient DB schema **MongoDB** **PostgreSQL** is used for store all messages and user data

## CERTIFICATIONS

- Go Kubernetes Expert with Azure Challenge -**Microsoft**
- Architecting with Google Kubernetes Engine Specialization -**Google Cloud**
- M001: MongoDB Basics - **MongoDB University**
- Linux Essentials -**Linux Professional Institute**
- Competitive Programmer's Core Skills - **Saint Petersburg State University**
- Introduction to Cybersecurity -**Cisco**
- NSE 1 Network Security Associate -**Fortinet**
- NSE 2 Network Security Associate -**Fortinet**
- Introduction to CyberArk Privileged Access Security Course -**CyberArk**
- CyberArk Certified Trustee -**CyberArk**
- ICSI | CNSS Certified Network Security Specialist -**ICSI (International CyberSecurity Institute)**
- Certified Associate in Python Programing certification -**Python Institute**
- Digital Security Essentials - **Digital Security Agency**
- How Google does Machine Learning -**Google Cloud Training**
- Data Structures and Algorithm Specialization -**University of California San Diego**
- IBM Data Science Professional Certificate -**IBM**