



# Shomi Khan

Software Engineer

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Github: [github.com/shomi-khan](https://github.com/shomi-khan)

Website: [nahk994.github.io](https://nahk994.github.io)

## Skills

- Programming Language: **Python3, Go, Javascript, C++**
- Database: **PostgreSQL**
- Backend Frameworks: **Django, Django REST framework, Gin**
- Frontend Frameworks: **Angular, NextJS**
- Development Tools: **Git, Docker, Kafka, Nginx**
- Automation Tools: **Shell scripting, Pandas**
- Background Processing: **Celery, Redis, Celery Beat**
- Cloud Hosting: **AWS**

## Solved Programming problems

- hackerrank ( Problem Solving: Gold, Python: Gold )  
profile: [hackerrank.com/Shomikhan](https://hackerrank.com/Shomikhan)
- UVA - Solved Problems: 402  
profile: [uhunt.onlinejudge.org/id/135776](https://uhunt.onlinejudge.org/id/135776)
- leetcode - Solved Problems: 81  
profile: [leetcode.com/nahk994](https://leetcode.com/nahk994)
- lightoj - Solved Problems: 129  
user id: 11127

Github link: [github.com/shomi-khan/V.git](https://github.com/shomi-khan/V.git)

## Personal projects

### ExamHall - Python3 | Django | Celery | Redis | PostgreSQL | Angular | Docker

An online exam platform where student can participate in MCQ exams.

Project URL: [shomi-khan.github.io/examhall](https://shomi-khan.github.io/examhall)

### TinyLetters - Go | Gin | PostgreSQL | Docker | gRPC | REST API | Kafka

TinyLetters is a microservices-based scalable newsletter inspired by Medium.

Project URL: [github.com/shomi-khan/tiny-letters](https://github.com/shomi-khan/tiny-letters)

## Education

### Shahjalal University of Science & Technology

BSc. in EEE

2nd major in CSE

## Reference

### Khairul Haq

Founder, GroupyFy Inc.

[khag@groupyfy.com](mailto:khag@groupyfy.com)

## Experiences

### Backend Software Engineer

**GroupyFy Inc.** - November, 2023 - Present

A marketplace where customers purchase products and join campaigns for special discounts.

#### Responsibilities -

- Developed and maintained RESTful APIs.
- Designed and optimized database schemas and queries.
- Managed asynchronous tasks and created cron jobs.
- Integrated payment systems (Stripe).
- Collaborated with frontend teams to ensure seamless functionality.
- Set up and maintained development environments.
- Automated daily database backups.
- Deployed and monitored applications on AWS.

Project URL - [groupyfy.com](https://groupyfy.com)

### Software Engineer

**Hubar Tech Limited** - February, 2023 - May, 2023

Hubar Tech is a software development company where I am working as backend developer. It is a sister company of UK based Exos Systems Ltd.

#### Responsibilities -

- Creating and documenting RESTful APIs.
- Improving API performance.

### Jr. Software Engineer

**SELISE Digital Platforms** - April, 2020 - December, 2022

SELISE is an enterprise cloud application and a fast growing digital platform providing secure and scalable solutions.

#### Responsibilities -

- Creating and managing RESTful APIs to meet business requirements.
- Optimizing database queries and removing unnecessary code from production environment.
- Making different shared modules so that these can adapt business requirements easily and increase reusability.
- Developing Enterprise frontend web app using Angular.

### Intern

**Samsung R&D Institute Bangladesh (SRBD)** - August, 2018 - January, 2019

SRBD is the research and development (R&D) hub of Samsung in Bangladesh which continuously conducting R&D to identify new advanced technologies to improve people's lives.

#### Responsibilities -

- Developing existing application by identifying areas for modification.
- Learning and building basic Tizen application