

Summary

Software Engineer with almost 3 years of professional background in crafting scalable, fast, and reliable software systems.

Some of the major achievements are:

- 1) Migration of an existing large scale eCommerce platform to a new microservice based system which performed 3x more than expected resulting in about 200% revenue spike during peak hours,
- 2) Smashed out an old systems to new microservice architecture to achieve 5x more scalability and maintainability,
- 3) Scaled up a system from approximately 40k to 200K QPS with proper planning, designing, and implementation using modern cloud native tools and microservices.

Skills

Go/Golang - 3 yrs	Docker - 3 yrs	Kubernetes - 2 yrs	PostgreSQL - 3 yrs	AWS/GCP - 3 yrs	gRPC - 3 yrs
Terraform - 1 yr	Git - 3 yrs	Prometheus - 1 yr	Couchbase - 2 yrs	Redis - 3 yrs	GitlabCI - 3 yrs

Work Experience

Backend Go Developer (Remote)

Trendhim Aps, Horsens, Denmark

02/2021 - Present

- Boosted up systems scalability 70% by harnessing cloud-native tools: Go, Docker and Kubrrnetes on a microservice architecture.
- Took the charge on developing 4 of the most propelling microservices in Go and gRPC: Users, Orders, Reviews and Customers.
- Revamped at least 55% systems reliability by using an open source workflow engine, named Temporal.
- Reshaped the existing eCommerce by quickly adapting to a 100% a SaaS based eCommerce engine called Commercetools.
- Collaborated with 3 team members by reviewing their works in order to suggest the best possible solutions.

Backend Developer (Remote Contract)

Comnoco Ltd, UK

08/2020 - 01/2021

- Executed a complex, fresh document generation engine consisting of almost 55 visual building blocks using Go and gRPC.
- Optimized critical document pagination system 5% through concise mathematical based calculation.
- Brushed up systems reliability 35% by integrating logging, metrics, error tracking and tracing features using Go and Papertrail.
- Harnessed modern, cloud-native, distributed systems to gain 10x more scalability using Go, Docker, Pulumi, Terraform and GCP.
- Polished the deployment process by integrating Gitlab CI/CD that significantly cut down deployment time by 50%.

Junior Backend Software Engineer

ShopHobe Shimahin Ltd, Dhaka, Bangladesh

01/2019 - 07/2020

- Cut off 40% latency by leveraging gRPC communication and tuned up performance using Couchbase.
- Minimized 80% of the data scaling overhead by migrating millions of old data records from MySQL to Couchbase.
- Flourished a 10x faster typeahead location search microservice within an hour using Go and Redis.
- Refined usability value of the API by providing detailed API Documentation build on top of internal gRPC services.
- Showcased a clean, concise and 100% to-the-point revenue calculation service from complex internal business document.

Intern Backend Software Engineer

ELO (elobyte) Ltd, Dhaka, Bangladesh

08/2018 - 12/2018

- Topped up the systems resiliency 15% by developing custom system status monitoring tool.
- Cut off 20% cost by implementing cloud-native distributed systems using AWS for running 1k integration tests per minute.
- Escalated productivity of non-technical testers by 60% by flourishing a scalable CSV parser based task extraction engine.
- Delivered a 3x faster headless UI testing tool using Selenium that runs tasks from written CSV.
- Smashed 35% of the client-server latency by optimizing REST API Endpoints consumed by client side interface.

Education

BSc in Computer Science and Engineering, IUBAT University, Dhaka
CGPA 3.36 out of 4.00

2014 - 2018