

Luqman Setyo Nugroho

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EXPERIENCES

Software Engineer, Fulltime

Loket

Oct 2021 - Present | Jakarta

Joined Go-Tix Team

- Working on the in-house content management system (CMS) and order management system (OMS) to serve our front-end web and mobile app
- Refactoring existing monolithic system with Ruby on Rails to Microservice-based system using Golang
- Integrating with Movie, Cinema, and Event from many providers

Software Engineer, Apprentice

Accelbyte

Mar - July 2021 | Remote

Joined the Load test team

- Monitor and analyze load test results using Elastic APM tools
- Refactor and optimize the existing system, such as reducing request latency and minimizing DB CPU usages, helping the team to achieve 500K CCU
- Wrote an open-source library for Kubernetes health checks for all Golang backend services

Backend Engineer, Intern

Garena

Dec 2019 - Nov 2020 | Jakarta

- Developing backend for web event mainly using Django, MySQL, and Redis for SEA & MEA region
- Integrate with 3rd party Tencent's Games API
- Managing deployment on Kubernetes using In-house SEA Cloud platform
- Responsible for the entire project's SDLC
- Handling 14 projects, with daily visits for each event ranging from 40K to over 200K visitors

Web Developer, Intern

UCC Prima

Jan - Feb 2019 | Semarang

- Develop customer and reservation services for University's ICT buildings room management system using Laravel
- Totally changed paper-based reservation management to integrated online-based management

SKILLS

- **Language & Framework:** Golang, Python (Django), PHP (Laravel, CI)
- **Database:** MySQL, MongoDB, Redis, Elasticsearch
- **Others:** Git, Docker, Kubernetes, RabbitMQ, Kafka, Celery, Locust, Elastic APM

EDUCATION

Diponegoro University

Aug 2017 – Sept 2021 | Semarang, Indonesia

Bachelor of Engineering, Computer Engineering

GPA: 3.75/4

- Lab Assistant in Network and Security Lab & Software Engineering Lab.
- Honors and Award:
 - An awardee of Bakti BCA Scholarship & KSE Foundation scholarship (2019 & 2020)
 - 3rd Runner-up Humanoid Soccer Robot Contest Regional 2 (ITB, 2020)
 - Finalist Gemastik Scientific Writing 13 (Univ. Telkom, 2020)
 - Finalist Hackathon Impact Interfest (Univ. Telkom, 2019)
 - Finalist National Humanoid Soccer Robot Contest (Udinus, 2019)
 - 3rd Runner-up Humanoid Soccer Robot Contest Regional 3 (Unsoed, 2019)
- Organization:
 - Undip Robotics Development Center, Research Area: Computer vision and robotics software architecture

PROJECTS

Gosty (Thesis Project) (<https://github.com/luqmansen/gosty>)

A scalable transcoding service on Kubernetes (Stack: Kubernetes, GKE, Golang, RabbitMQ, MongoDB)

Garena Intern Projects (<http://bit.ly/garena-intern-portfolio>)

I've worked on 14 projects for my Intern as a backend web engineer at Garena Indonesia. This is some documented list of the project. (Stack: Django, DRF, MySQL, Redis, Kubernetes, Docker, Celery)

healthcheck-go-sdk (<https://github.com/AccelByte/healthcheck-go-sdk>)

Library for K8S health check in go-restful, supported health check: MongoDB, Redis, PostgreSQL, Elasticsearch, and more