

# Nitho Alif Ibadurrahman

A tech-savvy professional and curious individual with extensive experiences working with software development, distributed systems, and computer networks.

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## EXPERIENCE

### Google, Dublin (IE) — Systems Engineer, Site Reliability Engineering

August 2022 - Present

Google is one of the largest technology companies specializing in internet-related services and products. My responsibilities include maintaining (BGP) peering links between Google and its peers, developing safety checks for network device maintenance, and participating in an on-call rotation to ensure the network's stability. Additionally, I am currently working on an initiative to implement logging standards that all services and automation must follow when making network changes, such as draining or repairing links. The goal is to leverage the existing centralized logging infrastructure to create a unified view of all network changes.

### Gravel Technology, Remote — DevOps/Backend Engineer

June 2020 - November 2020, June 2021 - July 2022

Gravel is an early-stage startup aiming to disrupt Indonesia's largely untapped construction industry. I was responsible for designing automation pipelines for Android, iOS, and Quality Assurance testing. Additionally, I deployed and maintained various infrastructure stacks, including Kubernetes, PostgreSQL, RabbitMQ, and Vault. I also handled day-to-day operations such as SLO monitoring and troubleshooting.

### Bukalapak.com, Jakarta (ID) — Site Reliability/System Engineer

October 2017 - August 2019

Bukalapak is one of Indonesia's largest e-commerce platforms, with over 6 million online sellers. I was responsible for designing the automated deployment of their main load balancer configurations. Additionally, toward the end of my time there, I played a significant role in migrating their services from their own data center to the Google Cloud environment.

## EDUCATION

### EIT Digital Master School, European Union — M.Sc in Cloud and Network Infrastructure

August 2019 - June 2022

Entry University: Université de Rennes 1, Rennes (France)

Exit University: Technische Universität Berlin, Berlin (Germany)

### Institut Teknologi Bandung, Indonesia — B.Sc in Informatics/Computer Science

August 2013 - October 2017

**Thesis:** Auto-Scaling System for Docker-based Service

## KNOWLEDGE & SKILLS

Golang, Java, C/C++, Python, Bash, Git, CI/CD (e.g. Gitlab CI), Linux/BSD, GCP, AWS, Kubernetes, Ansible, Terraform, SQL, NoSQL (KV, Document, etc.), Monitoring (e.g. Prometheus), System Design/Troubleshooting, Software Development, Network Administration

## AWARDS

### 1<sup>st</sup> Place in Hack the Fog! Hackathon

FogGuru Project - 2021

### 3<sup>rd</sup> Place in Cyber Defense Competition

Ministry of Defense of the Republic of Indonesia - 2016

### 2<sup>nd</sup> Place in Network and Information Security Contest

GEMASTIK 9 - 2016

## LANGUAGES

English, Indonesian