Nitho Alif Ibadurrahman

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

EXPERIENCE

PT Gravel Technology, Remote — *Software Engineer*

June 2020 - November 2020

Gravel is an early-stage startup that tries to disrupt a largely untouched construction (building) industry in Indonesia. I was involved in the design of the payment system and its data flow from the end-user to the bank entities. I was also responsible for deploying and maintaining various infrastructure stacks, such as Kubernetes, PostgreSQL, and Vault.

PT Bukalapak.com, Jakarta — *Site Reliability/System Engineer*

October 2017 - August 2019

Bukalapak is one of the largest e-commerce sites in Indonesia with more than 6 million online sellers. I was responsible for designing the automated deployment for their main load balancer configuration. I was also largely involved in the service migration from their own data center to the (Google) cloud environment at the end of my term there.

SNMPTN Technical Committee, Bandung — *DevOps Engineer*

November 2016 - April 2018

SNMPTN is a nationwide student selection admission organized by the Ministry of Education and Culture of the Republic of Indonesia. I was in charge of the cache system implementation to ensure system stability during the surge during the selection announcement. I was also tasked with creating various scripts to aid the committee get the required data from the PostgreSQL cluster.

EDUCATION

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

August 2019 - Present

Entry University: Université de Rennes 1, Rennes (France)
Exit University: Technische Universität Berlin, Berlin (Germany)

Thesis: *Predictive Replica Placement for Distributed Data Stores in Fog Environments with Mobile Clients*

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, SQL, Git, Gitlab CI, Linux, Ansible, Terraform, Kubernetes, GCP, AWS, Software Development, Network Administration

AWARDS

1st Place in Hack the Fog! Hackathon, FogGuru Project - 2021

3rd Place in Cyber Defense Competition, Ministry of Defense of the Republic of Indonesia - 2016

2nd Place in Network and Information Security Contest, GEMASTIK 9 - 2016

3nd Place in Capture the Flag Competition, CompFest UI 8 - 2016

LANGUAGES

English, Indonesian