

# Yuwono Bangun Nagoro

Software Engineer in Jakarta, Indonesia

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## Profile

I am a software engineer from Indonesia with 4 years experience working in Indonesian startup companies. My tech stack includes Java, Go, ReactJS, and Redux. As a software engineer, I always look for projects that challenge me in many aspects (both technical and non-technical). I love to learn new technologies and try new things. I like to contribute to open source projects. All of my open source projects can be seen on [my github page](#).

## Skills

1. Web Development (using ReactJS, Redux, HTML, CSS, Javascript)
2. Back End Service Development (using Java and Go)
3. Linux Environment
4. Databases (PostgreSQL, Redis, MongoDB, Oracle RDBMS)
5. Tools and Technologies (Kubernetes, Docker, Jenkins, Git)
6. Message Queues (NSQ, Google Pub/Sub)
7. Microservices (with REST API and gRPC)

## Experience

Software Engineer at PT Lemonilo Indonesia Sehat ([www.lemonilo.com](http://www.lemonilo.com))

June 2020 – Now. Jakarta, Indonesia.

Lemonilo is the biggest LOHAS (Lifestyles of Health and Sustainability) & Wellness meets CPG (Consumer Packaged Goods) startup in Indonesia.

Working as a back-end engineer in a new marketing technology team. Mainly focused on setting up new marketing technology services using Go, creating new services in Go, and maintaining current marketing services using PHP and NodeJS.

Projects:

1. Setting up a new instances for new marketing technology service in Go.
2. Developed banner services, product stock notification services in Go.
3. Revamp the current coupon validation rule in NodeJS.
4. Developed referral service for customer referral campaign with dynamic referral page in Go.

Software Engineer at PT Airy Nest Indonesia ([www.airy.com](http://www.airy.com))

June 2018 – April 2020. Jakarta, Indonesia

Airy is an Accommodation Network Orchestrator (ANO) in partnership with a variety of the best budget hotels throughout Indonesia. Airy also provides flight booking service for Indonesian domestic flights.

Worked as a Full Stack Software Engineer on Core Team. Mainly focused on building software, tools, and integrations using Java and Go to support the marketing team.

Projects:

1. Developed transaction attribution report tool for marketing team using Java, ReactJS, and Redux.
2. Developed back-end services for Airy's property feed, signature promo, slack slash command integration, and flash sale (for rooms) using Java.
3. Developed back-end services for Airy's internal marketing platform (for managing coupon, campaign, banner, signature promo, flash sale, Airy Click ID) using Java.
4. Developed tools using Go for Airy Click ID data migration and internal referral data preparation.
5. Developed back-end services for customer coupon segmentation and Airy Click ID for internal tracking.

Software Engineer at PT Tokopedia ([www.tokopedia.com](http://www.tokopedia.com))

August 2016 – June 2018. Jakarta, Indonesia

Tokopedia is the largest Indonesian online marketplace start-up.

Worked as a Full Stack Software Engineer at Transaction Tribe (Order, Cart, and Checkout).

Projects:

1. Developed features on Tokopedia's transaction and order resolution internal tool site and customer pages (order and cart pages).
2. Migrated Tokopedia's transaction (order) and transaction notifications services from Perl into Go.
3. Developed auto debit commission feature and its internal reporting site for Tokopedia's official store transaction using Perl, and Go.
4. Developed new checkout flow services in Go and its front-end page in Tokopedia Desktop site.
5. Integrated Google Tag Manager tracking technology into Tokopedia's transaction pages.

Software Engineer (Internship) at PT Telkomsel

June 2014 – August 2014. Jakarta, Indonesia

Created a Report Controlling Application using Microsoft .NET and Microsoft Office Interoperability library. The Report Controlling Application helps the manager of the reporting division to detect anomaly or errors in the transaction log data.

## Education

Bachelor of Computer Science, Telkom University

Bandung, Indonesia

July 2011 - August 2016

- GPA 3.39 out of 4.00.
- Activity: Data Mining Center lab study group, Software Engineering lab study group, practical assistant for Database course.
- Related coursework: Software Engineering, Software Quality Assurance, Relational Database, Non-Relational Database, Operating System, Computer Network, Distributed System.

## Open Source Project

1. **Goscripter** ([github.com/SurgicalSteel/goscripter](https://github.com/SurgicalSteel/goscripter))  
Goscripter is a utility to manage static scripts (JS, CSS, JSON) for go-rendered pages.
2. **Elasthink** ([github.com/SurgicalSteel/elasthink](https://github.com/SurgicalSteel/elasthink))  
Elasthink is an alternative to elasticsearch engine written in Go for a small set of documents that uses inverted index to build the index and utilizes redis to store the indexes.