



## GERRY LUKMAN

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Bogor, West Java, Indonesia

Software Engineer with a Bachelor of Computer Science and Statistics degree, primarily focused on computer science especially web development. Strong grip of web and mobile app development, experienced in working with React, Vue and Android, while also experienced in building automated testing frameworks.

### Professional Experience

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#### Software Laboratory Center (Binus University) - Jakarta, Indonesia

February 2019 – August 2021

##### Teaching Assistant

- Delivered software related subjects, such as data structures, databases, machine learning, front-end and back-end web development, desktop apps development, and mobile apps development, to the Binus University students.
- Composed and examined quizzes, exams, and project cases for Binus University students.
- Developed various kinds of self-development projects such as game development, desktop apps development, web development and mobile apps development.
- Researched and composed a module about data science with R programming.
- Researched on blockchain technology and developed web page for NFT minting.
- Developed Smart Trolley, a Mecanum wheel that moved by receiving commands from a glove based on gyroscope sensor.

#### Blibli.com - Jakarta, Indonesia

September 2021 - August 2022

##### Front-End Developer Intern

- Built responsive web user interfaces with intuitive interactions and experiences using Vue.js.
- Designed and built reusable components to be used across applications.
- Collaborated with back-end engineers to design API contract for UI integrations and data communications.
- Collaborated with other team members to manage and maintain quality of source codes.
- Involved in every part of team task such as bug fixing, innovation, and development.
- Applied Test-Driven Development to build and maintain robust, well-tested features, ensuring high code quality and faster iteration cycles.
- Assisted in creating new web app project from scratch; identified the requirement, UI specification, and tech stack required.

#### Tokopedia - Jakarta, Indonesia

July 2023 - October 2025

##### Software Development Engineer in Test

- Conducted thorough testing throughout Tokopedia SDLC process.
- Curated core APIs along with their documentations across several services inside an API platform to assist engineers in collaborating with external service outside team.
- Developed several internal tools (mostly written in Go, Kotlin, and JavaScript) along with their CI/CD, such as plugin and CLI tool to assist other engineers for faster development.
- Identified test requirements based on business requirements and designed the test cases accordingly.
- Implemented automated requirement test cases for both client and server side using internal test framework written in Java, to be included and executed in apps delivery.
- Designed and wrote stress test scenarios using internal test framework written in Go.

### Education

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#### Bina Nusantara University - Jakarta, Indonesia

Sep 2017 – Dec 2022

Computer Science and Statistics (S.Kom., S.Stat.) - 3.59/4.00

### Organizational Experience

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#### BINUS Statistics Student Association (HIMSTAT) - Jakarta, Indonesia

Sep 2018 – Jan 2020

##### Head Coordinator of Learning, Resources and Development Division

- Managed internal learning modules of computer science and statistics major.
- Arranged additional classes as requested by students in the major.
- Coordinated and facilitated students' participation in computer science or statistics competitions.
- Provided organization necessary to carry out organization activities.
- Handled human resources in the organization.
- Managed room borrowing for organization activities if needed.

#### Mathematics & Statistics Competition (MATIC) - Jakarta, Indonesia

Jul – Aug 2019

##### Coordinator of Tech Division

- Developed web application to provide participants an interface for showing questions and submitting answers.
- Developed and operated desktop application to manage score-based competition.

#### Statistical Project for Smart Students (SPSS) - Jakarta, Indonesia

Apr – Nov 2019

##### Coordinator of IT Support Division

- Developed web application for participants registration.

## Achievements

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### Participant of Shopee Code League

Mar 2021

Participated in all 3 challenges including data science, data analysis, and programming challenge and ranked as top 40%.

### Finalist of RASIO Padjadjaran University

Oct 2019

Delivered presentation about classification on the recovery of patients based on the effect of counseling using Logistic Regression and ranked as top 30 team.

## Skills & Other Experience

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**Hard Skills** : HTML, CSS/SASS, JavaScript/TypeScript, Vue.js, React, Svelte, React Native, Node.js, Java, Kotlin, Python, R, Go, PHP, SQL Server, MySQL, MongoDB, Git

**Soft Skills** : Time Management, Decision-Making, Adaptability, Communication, Problem Solving, Teamwork

**Languages** : Indonesian (Native), English (Upper-Intermediate)