

# RIFKY LOVANTO

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I graduated with honors from Telkom University with a bachelor's degree in computer software engineering in 2023, where I also worked as a laboratory assistant at the informatics laboratory. In my most recent intern role, I contributed to creating a restful API using Node.js and Golang. My hobbies are playing games especially on the testing stage, and reading comics, and I am always eager to expand my knowledge and skills in the field.

## Work Experiences

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### PT. Altimedia Cipta Visitama - Depok, Indonesia

Jan 2024 - Present

#### Backend Developer

Developed Restful API using AI, Node.js, and HNSW algorithm to create a Generative AI system that can connect with users' One Drive, Google Drive, and Amazon S3. In addition, the system also connects to the user's outlook to create a shared agenda with coworkers. This involved utilizing OpenAI's capabilities for natural language processing, implementing the HNSW algorithm for efficient similarity search using vector data, and leveraging Node.js for backend development. The end result is a robust Generative AI system that can generate content based on uploaded documents and user preferences.

### PT. Telkom Indonesia - Jakarta, Indonesia

Feb 2023 - Aug 2023

#### Backend Developer

Learning the core engineering of the Telkom Indonesia backend stack, then joining development in a team after finishing an internship to work in the real case in Telkom Indonesia. Currently work in the DPE team to create a web portal for internal Telkom Indonesia internship management.

### Telyukost - Kab. Bandung, Indonesia

Feb 2023 - Aug 2023

#### Backend Developer

Telyukost is a platform that focuses on search services and online board ordering and is based at Telkom University. The main job description that I do is create RESTful APIs in Node.js, initiate and maintain the GCP server, deploy services including FE and BE services using Docker, and monitor all services work properly on the server.

### Informatics Laboratory Telkom University - Bandung, Indonesia

Aug 2022 - Jul 2023

#### Laboratory assistant

Responsible for supervising the running of all practicum activities in the faculty of informatics, handling informatics labs website running on server and local, recruiting practicum assistants for 2 semesters, assessing the performance of practicum assistants, and having special responsibility for the practicum web and mobile development.

### Antrique - Bandung, Indonesia

Jul 2022 - Aug 2023

#### Backend Developer

AntriQue is an Indonesia-based SaaS startup for face-to-face services that offers end-to-end virtual queuing systems, time delivery analytic services, advertising, and payment services. Create a Restful API written in Golang and deploy it to an AWS server through CI/CD gitlab, then serve it using Docker.

### Informatics Laboratory Telkom University - Bandung, Indonesia

Aug 2021 - Jun 2023

#### Practicum Assistant

Responsible for conducting assessments and guiding practitioners in the implementation of practicum and succeeded in carrying out the responsibilities of practicum assistants in several courses, including Basic Algorithms using Golang, Object-Oriented Programming (OOP) using Java, Websites using CodeIgniter, and Mobile Development using Flutter.

## Education Level

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### Universitas Telkom - Bandung

Sep 2019 - Nov 2023

Bachelor Degree in Computer Software Engineering, 3.78/4.00

- Graduate with cum laude predicate

### Mediakom Vocational High School

Feb 2016 - Aug 2019

High School Diploma in Software Engineering, 87.00/100.00

- Awarded As Best Student of Software Engineering at 2019

## Organisational Experience

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<b>Proclub - Bandung</b> <i>Software Engineering Member</i>	Sep 2019 - Aug 2023
<b>Informatics Laboratory of Telkom University - Bandung</b> <i>Laboratory Assistant</i>	Aug 2022 - Jul 2023
<b>Himpunan Mahasiswa S1 RPL Telkom University - Bandung</b> <i>Management Organization</i>	Feb 2022 - Feb 2023
<b>Alogical Backend - Bandung</b> <i>Lead Programmer External</i>	Jan 2018 - Jan 2021
<b>Computer Creative - Bandung</b> <i>Member</i>	Sep 2017 - Jul 2019
<b>BITCOM (Bandung IT Community) - Bandung</b> <i>Member</i>	Sep 2018 - Mar 2019
<b>RPL Indonesia - Bandung</b> <i>Member</i>	Feb 2019 - Jan 2023

## Skills, Achievements & Other Experience

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- **Achievements** (2023): Graduated from Telkom University with cum laude predicate
- **Projects** (2023): Patent of Website Telyukost
- **Projects** (2022): BAP Website of Informatics Laboratory
- **Projects** (2022): Informatics Laboratory TV
- **Projects** (2020): Covid-19 Report Website
- **Projects** (2020): Aurora Project
- **Achievements** (2019): Winner in Unibi Technology Competition Regional Contest
- **Achievements** (2019): Awarded As Best Student 2019 At Medikacom Vocational High School
- **Projects** (2019): Money Management Mobile App
- **Achievements** (2018): 3rd Place In Invofest 2018 National Contest
- **Projects** (2018): Apotek Cashier Apps
- **Projects** (2018): Cashier App at PT. Tirta Kencana Alam
- **Projects** (2020): Waranti Sparepart Management