

# PETRUS ARIA CHEVALIER RAMBING

## Backend Developer

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Fresh graduate in Information Engineering from Universitas Gadjah Mada with 2 years of experience in web development focusing on Backend and Cloud Computing. Awarded 2nd place winner in Huawei Cloud Development Competition APAC 2024 as FLXA team. Skilled in Python, Go, NodeJS, and Google Cloud Platform (GCP). Eager to apply analytical thinking and problem-solving skills in a collaborative team..

## Work Experiences

**Lecturer Assistant | Faculty of Engineering Universitas Gadjah Mada** **Feb 2025–Nov 2025**

- Organized **8 lecture** materials and assisted sessions for **100 students**, fostering understanding of engineering fundamentals.
- Initiated discussion with the students and answered questions related to lecture topics.

**Fullstack Developer Intern | PT Hidata Teknologi Digital** **Feb 2024–Jun 2024**

- Implemented backend application to handle product services for an ecommerce project using Go and PostgreSQL.
- Integrated backend and frontend through REST API using VueJs and Docker containers.

**Back End Developer Intern | Kementerian Komunikasi dan Informatika RI** **Dec 2023–Feb 2024**

- Structured the software architecture for an end-to-end automated data collecting system from digital signature publishers, streamlining processes between the organizations.
- Built backend applications to automatically hit and manage digital signature publishers data using Python, Redis, and MariaDB.
- Simulated and integrated all services using Docker, NextJS, and Grafana.

## Education

**Bachelor of Engineering - BE, Information Engineering (GPA 3.42/4.00)** **Aug 2021–Oct 2025**

Universitas Gadjah Mada

## Organizations and Activities

**IT Coordinator of Social Communication Division | Paroki Kosambi Baru** **Aug 2024–present**

- Develop and maintain profile web and CMS for church communication using Go, NextJS, MySQL, and Google Cloud Platform (GCP), achieving **up to 9000 requests/month** and **1000 average monthly visitors**.
- Organize project backlogs to maintain timelines and initiate discussions with stakeholders for continuous improvement.

**Software Programmer | GAMAFORCE UGM** **Dec 2022–Oct 2024**

- Developed an offline map feature for GCS using Python and ReactJS, achieving a **90% reduction** in map image storage size compared to previous versions.
- Created a flight report feature that automates the reading **up to 900 rows** of flight log data using NodeJS.
- Became the presenter and won **1st-place** of Ground Control Station Technology Development Category in KRTI 2023.

**Cloud Computing Cohort | Bangkit Academy 2024 Batch 1** **Feb 2024–Jul 2024**

- Designed the software architecture for Capstone Project, utilizing Docker and Google Cloud Platform (GCP) resources to efficiently deploy the application, reaching **up to 72% cost reduction**.
- Implemented a server side application to process real time user data with ETL pipeline and deploy the Machine Learning model with **under 500ms** processing time using Python and PostgreSQL.
- Graduated from the program with the **Top 10% Graduates** title.

## Achievements

**2nd Place of Student Track – FLXA Team** **2025**

Huawei Developer Competition APAC 2024, Bangkok, Thailand

**1st Place of Technology Development Division – Khageswara GAMAFORCE** **2024**

Kontes Robot Terbang Indonesia (KRTI) 2024, Yogyakarta, Indonesia

**1st Place of Technology Development Division – Khageswara GAMAFORCE** **2023**

Kontes Robot Terbang Indonesia (KRTI) 2023, Lampung, Indonesia

## Skills

**Programming Languages:** Python (FastAPI, Flask), Go, Javascript/Typescript (Nextjs, Express, Nodejs)

**Cloud Computing:** Google Cloud Platform (GCP), Docker

**Databases:** PostgreSQL, MySQL, Redis, MongoDB

**Professional Skills:** communication, analytical thinking, negotiation, and adaptation