

# PHILIP RIKARDO MANARIHON SIMAMORA

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## Summary

A Bachelor's degree graduate in Information Systems from Telkom University with hands-on experience in software development, quality assurance, and data engineering through internships at reputable companies such as Kalbe Nutritionals, Bank Mandiri, and Smash.id. Proficient in building web and mobile applications using Laravel, Flutter, ReactJS, and NodeJS. Skilled in designing test cases, debugging, and executing automated regression testing to ensure software quality. Actively involved in campus organizations and research labs, demonstrating strong teamwork, communication, and time management skills. Currently seeking career opportunities in software development or quality assurance to grow professionally and contribute to impactful tech solutions.

## EDUCATION

### Telkom University

Information System, Bachelor program

**Bandung**

2019 - 2023

- GPA: 3.37/4.00

## WORK EXPERIENCE

### PT Bank Rakyat Indonesia (Persero) Tbk. – Quality Assurance

*Oct 2025 – Dec 2025*

- Performing end-to-end testing of ESB-based Middleware services to ensure that integration between applications runs accurately, stably, and according to business needs.
- Designed and executed Postman test scenarios to validate requests, responses, parameters, headers, authentication, and service behavior across multiple conditions.
- Monitored ESB service flows, analyzed logs, identified issues, and ensured reliable transaction processing throughout all integrated systems.

### PT Bank Mandiri (Persero) Tbk. – Quality Assurance

*Nov 2023– Oct 2025*

- Designed and executed detailed test cases based on business and technical requirements to validate software functionality.
- Conducted manual and automated testing (regression, functional) to identify defects and ensure software quality.
- Reported bugs and inconsistencies using Jira, working closely with the development team for resolution.
- Utilized automated testing tools to create scripts that reduce manual effort and improve test coverage.

### PT. Sanghiang Perkasa (KALBE Nutritionals) – Software Developer Intern

*Aug 2022 – Dec 2022*

- Developed and maintained an internal web dashboard to monitor warehouse operations and inventory movements.
- Debugged and optimized existing code to improve performance and user experience.
- Collaborated with warehouse staff to gather requirements and ensure alignment with operational needs.
- Utilized PHP, MySQL, and Bootstrap to build responsive and functional interfaces.

## Project Experience

### OMBALI SURFSCHOOL Web Application – Full Stack Developer

*Dec 2024 – Apr 2025*

- Developed a responsive web application for a surf school, including lesson booking, instructor scheduling, and user registration modules.
- Integrated secure online payment gateway using Midtrans, enhancing transaction reliability.
- Utilized ReactJS, Node.js, and MySQL to build scalable, component-based architecture.
- Improved customer engagement and streamlined lesson management by centralizing booking and payment systems.

## **SIABSEN Mobile Application – Mobile App Developer**

*Feb 2023 – Aug 2023*

- Developed a mobile-based attendance application for Koperasi KUM Syariah Bogor with integrated GPS validation to ensure accurate location-based check-ins.
- Implemented task collaboration features allowing employees to submit activity logs alongside attendance data.
- Built using Flutter and Firebase, enabling real-time data synchronization and cross-platform compatibility.
- Improved operational efficiency and minimized attendance fraud by automating validation and monitoring processes.

## **Organizational Experience**

### **Enterprise Infrastructure Management (EIM) Research Lab – Laboratory Assistant** *Nov 2021 – Nov 2022*

- Created and managed educational content for EIM Lab's social media platforms.
- Provided hands-on training to junior lab members in network simulation using Cisco Packet Tracer.
- Participated in lab research discussions and assisted in developing learning materials.

### **QULER National Webinar Committee - Public Relations Division** *Sep 2021 – Dec 2021*

- Collaborated with the media and outreach team to secure webinar media partners and promotional coverage.
- Communicated with invited speakers and ensured smooth coordination before and during the event.
- Contributed to increasing webinar attendance through effective outreach and promotion strategies.

### **Bible Camp PMK TES - Civil Division**

*Jul 2021 – Dec 2021*

- Collected and managed participant data for the Bible Camp program.
- Organized and coordinated event logistics, including content display and equipment preparation.
- Ensured timely availability of materials and smooth event execution.

## **Certification and Training**

### **Flutter Mobile Application Development - SanberCode**

*Dec 2022*

*PT Santai Berkualitas Syberindo*

### **Back End Developer - Investree**

*Jul 2022*

*PT Rakamin Kolektif Madani*

### **Back End Developer - Dicoding**

*May 2022*

*PT Dicoding Akademi Indonesia*

### **SEO Outreach - Niagahoster**

*May 2022*

*PT Rakamin Kolektif Madani*

### **SAP SCM500 - Business in Procurement**

*Dec 2021*

*PT Harfan Tri Megah*

### **SAP01 Fundamental**

*Sep 2019*

*PT Harfan Tri Megah*

## **Skills & Interests**

**Soft Skills:** Teamwork, Public Speaking, Adaptability, Time Management.

**Programming Languages:** Dart, JavaScript, PHP, Python, C#.

**Frameworks & Tools:** Flutter, Laravel, ReactJS, Node.js, .Net, TailwindCSS, ESB.

**Database:** MySQL, Oracle, MongoDB, PostgreSQL, Microsoft SQL Server.

**Interests:** Data Science, Machine Learning, Cyber Security, Cloud Computing, Middleware.