



Verly Rahma Aulia

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Residence: Jl. PLN, No.29C Pondok Karya, Pondok Aren, South Tangerang, Banten

SUMMARY

3rd-year Computer Science student specializing in Cyber Security, with hands-on experience in backend security, web exploitation, and data-driven systems. Built secure REST APIs with HMAC authentication and led a nationally funded IoT project with real-time data visualization. Driven to make an impact in cybersecurity or data analytics through an internship or entry-level opportunity.

EDUCATION

Budi Luhur University

Bachelor's Degree of Computer Science, Cyber Security
Cumulative GPA : 3.94 / 4.00

Jakarta, Indonesia
2023 – Present

PROJECTS

Financial Information System – Restaurant Nasi Liwet Keprabon Bu Darmi | *Backend & Security Developer*

GitHub: github.com/verlyra/KEPRABON

Nov 2025 - Feb 2026

- Developed secure REST API using HMAC-SHA256 authentication to ensure data integrity and prevent request tampering.
- Designed and implemented backend system using Laravel (PHP) for managing financial data (sales, income, expenses, and invoices).
- Integrated backend services with React + TypeScript frontend for real-time data visualization.
- Optimized MySQL database structure, improving query performance and data reliability for financial reporting.
- Ensured system scalability through clean architecture and modular API design.

EcoSmart Composter | *Team Leader & System Developer*

July 2025 - November 2025

- Student Creativity Program (PKM-KC 2025), funded by the Indonesian Ministry of Education.
- Led development of a prototype using pH, ultrasonic, and conductivity sensors to automate and monitor composting.
- Built a web dashboard and Android app for real-time monitoring and data visualization using IoT concepts.

CERTIFICATION

Basic Computer Algorithm Competency — Universitas Budi Luhur

Jan 2025

- Certified in foundational algorithm concepts including arithmetic, data types, conditional logic, iteration, array structures, and function blocks, with demonstrated ability to design and implement C programs to solve day-to-day logical problems.

ORGANIZATIONAL EXPERIENCES

Budi Luhur IT Club | *Cyber Security Mentee*

Aug 2024 - Present

- Gaining hands-on knowledge in Linux commands, system navigation, and security-related tasks in a cybersecurity-focused learning environment.

Neivtars Fest 2022 | Secretary

November 2022

- Managed official correspondence, drafted proposals and MOUs, maintained document filing, and prepared accountability reports for organizational projects.

Student Council | *Secretary of the organization*

Mar 2022 – Jan 2023

- Recorded meeting minutes, drafted activity proposals, archived official documents, and coordinated formal correspondence for organizational events.

English Club Diary | *Vice president of the organization*

Mar 2022 – Jan 2023

- Oversaw club operations, developed learning materials, mentored members, and managed the club's Instagram account for content creation and engagement.

OTHERS

CTF Competitions - Recursion 2025

Apr 2025

- Competed in Capture The Flag challenges focusing on web exploitation and reverse engineering, strengthening analytical and cybersecurity problem-solving skills.

SKILLS

Programming Languages : HTML/CSS (Tailwind, Bootstrap), C, Python (Pandas, NumPy), Java, PHP (Laravel), JavaScript, React.JS

Database : SQL (MySQL)

Developer Tools : Figma, Git, GitHub, Notion, Vercel, Microsoft Office 365, Linux & Bash Scripting

Soft Skills : Leadership, Public Speaking, Problem Solving, Creativity, Team Collaboration, Critical Thinking, Research & Analysis

Languages : Indonesia, English

Nomor Sertifikat : F/UBL/FTI/000/004/02/25



CERTIFICATE OF COMPETENCY

This certificate accredits that:

VERLY RAHMA AULIA

**HAD SUCCESSFULLY ACCOMPLISHED BASIC COMPUTER
ALGORITHM COMPETENCY**

Competencies :

1. Understand and able to use arithmetic and data types.
2. Understand the workflow, logic and usage of :
 - Conditional decision.
 - Iteration.

- One dimensional array.
- Simple function blocks.
- 3. Able to analyze, design and create a small computer Program in C language to solve day-to-day logical problem.

Verify by: Fakultas Teknologi Informasi – Universitas Budi Luhur on January 8th, 2025



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