



## **Lutfi Rizaldi Mahida**

### **Informatics Engineering Graduate**

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### **PROFILE**

Fresh Graduate in Informatics Engineering with a GPA of 3.96, with a strong interest in Full-Stack Development. Proficient in web application development using **Python**, **PHP**, and **JavaScript**, **Typescript** with hands-on experience building integrated frontend and backend systems. Accustomed to developing structured, efficient, and scalable solutions. Supported by leadership experience as President of the University Election Commission and Vice President of the University Choir, I possess strong communication, teamwork, and problem-solving skills to contribute to the development of quality digital products..

### **SKILLS**

- HTML 5 & CSS (Bootstrap 5 & Tailwind CSS)
- PHP (Laravel)
- Python (Django & Flask)
- Microsoft Office (Word dan PowerPoint)
- Javascript (Express.js, React.js)

### **EDUCATION**

**Universitas Budi Luhur – Teknik Informatika** (September 2022 -Januari 2026)  
(*Programming Expert*)  
**GPA 3.96 / 4.00**

**Madrasah Aliyah Negeri 19 Jakarta** (Juli 2019 - Juni 2022)

## **WORK EXPERIENCE**

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### **Teacher Coding & Robotics (Part-Time)**

#### **Codero Education**

(5 Desember 2025 – Present)

1. Taught beginner to intermediate programming to elementary, middle, and high school students.
2. Taught visual programming using Scratch and PictoBlox for logic and computational thinking.
3. Taught game development and simulation using Roblox Studio.
4. Taught basic electronics and microcontrollers using Arduino.
5. Taught robotics using Ukit and Astrobot platforms, including assembly, programming, and troubleshooting.
6. Taught basic Web Development (HTML, CSS, JavaScript) and Python for middle and high school students.
7. Guided students in creating coding and robotics mini projects.
8. Prepared learning materials and practical modules according to the internal curriculum.
9. Developed students' problem-solving skills, logical thinking, and creativity through project-based learning.

### **Web Developer - Independent Study (Studi Independen) Web Developer and Platform (Specialist Education Platform)**

#### **Educourse.id**

(6 September 2024 – 31 December 2024)

1. Developed a web-based learning platform using JavaScript, Bootstrap, and Django.
2. Built frontend and backend features according to system requirements.
3. Collaborated in a team to develop the "RPLearn" project.
4. Performed testing, debugging, and periodic system improvements.
5. Applied software development lifecycle concepts throughout the project.
6. Documented the development process and application outcomes.

## **Project Experience**

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### **Expert System Website for Injury Diagnosis – PHP (Laravel)**

#### **Bebas Cedera**

(May 2025 – June 2025)

1. Built a login feature with middleware for admin and user roles.
2. Implemented a forgot password feature.
3. Created dashboard pages for both admin and user.
4. Added pagination to all data listing pages.
5. Built management features for disease names, symptoms, and their relationships.
6. Implemented an automated diagnosis feature using the Depth First Search (DFS) method.
7. Built a history management feature so users can review past diagnoses.

### **Product Association Website Using Apriori Method – PHP (Laravel)**

#### **Coffe Tege**

(June 2025)

1. Implemented user login and dashboard.
2. Added pagination to data listing pages.
3. Built a transaction data input feature via Excel file upload.
4. Created features to display transaction data and calculation history.
5. Implemented product association analysis using Market Basket Analysis (Apriori method).
6. Added a PDF export feature for calculation results..

## **Decision Support System for Best Food Menu (SMART) - PHP (Laravel)**

### **Posyandu Remaja Mawar**

(April 2025 – May 2025)

1. Implemented user login
2. Created dashboard with pagination on all data pages.
3. Built criteria/weight and alternative management features.
4. Implemented automated calculation using the SMART method.
5. Added calculation history and PDF export for best menu results..

## **Mining Product Sales Prediction Website – Python (Django)**

### **PT Central Pacific Development**

(December 2024 – February 2025)

1. Built a website login feature and dashboard for reviewing historical Excel data.
2. Implemented CRUD for Excel data input into a database.
3. Grouped total sales by month.
4. Implemented a sales prediction feature using the Backpropagation Artificial Neural Network method.
5. Displayed training plots and comparison graphs for training vs. predicted data.

## **Online Library Website – PHP (Laravel)**

### **SMK Arif Rahman Hakim**

(September 2024 – October 2024)

1. Built a multi-login system for users and admins with database integration.
2. Implemented forgot password, pagination, and search features on all data pages.
3. Created user, book, and category management for admins.
4. Built borrowing request approval/rejection, fine management, and fine payment upload features.
5. Implemented a canvas-based in-browser book reading feature.
6. Added book search and borrowing features for users, along with profile editing.

## **VOLUNTEER & LEADERSHIP EXPERIENCE**

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### **President of Gema Luhur Choir - Organization**

#### **Universitas Budi Luhur**

(March 2024 – May 2025)

1. Developed the work program for one full period.
2. Managed rehearsal schedules, sheet music distribution, and performance planning.
3. Assisted with vocal training and guided technical development.
4. Led regular meetings and resolved internal and external organizational issues.

### **President of Election Commission (KPU) – Organization**

#### **Universitas Budi Luhur**

(December 2023 – February 2024)

1. Established timelines and oversaw candidate registration procedures.
2. Ensured elections were direct, universal, free, confidential, honest, and fair (Luber Jurdil principles).
3. Supervised 35 coordinators and members to uphold electoral integrity.
4. Verified registration documents, organized and oversaw the election day, and announced results transparently.
5. Handled and resolved all conflicts or disputes related to the election process.

### **Vice President of Gema Luhur Choir - Organization**

#### **Universitas Budi Luhur**

(July 2024 – March 2024)

1. Assisted the Chairperson in all duties and helped compile the song repertoire.
2. Managed rehearsal schedules and communicated performance details.
3. Supported vocal training and performance organization.

### **Blueleader of Universitas Budi Luhur – Volunteer**

#### **Universitas Budi Luhur**

(18 September 2024 – 21 September 2024)

1. Organized and led a group of 63 new students throughout all orientation agenda items.
2. Ensured students remained orderly and answered questions about the orientation program

### **Class Officer of Orientation Universitas Budi Luhur – Volunteer**

#### **Universitas Budi Luhur**

(18 September 2023 – 20 September 2023)

1. Organized and led 40 new students throughout all orientation activities.
2. Guided students during the Inauguration performance and helped with carnival costume preparation.

### **Veterinary Event Admin of Universitas Budi Luhur - Sukarelawan**

#### **Universitas Budi Luhur**

(11 March 2023)

1. Organized and led 40 new students throughout all orientation activities.
2. Guided students during the Inauguration performance and helped with carnival costume preparation.

## **CERTIFICATIONS**

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1. **Certificate of Basic Computer Algorithm Competency**
2. **Certificate – Workshop: Learn About SQL Map on Kali Linux for Database Security**
3. **Certificate – Web Developer and Platform (Specialist Education Platform) – Educourse.id**
4. **Certificate of Python Course Completion**
5. **AI Productivity and AI API Integration for Developers – Hacktiv8**