

# RIZAL MUHAIMIN NUR

Kuningan, Jawa Barat | mn.rizal27@gmail.com

+62 851 2291 7001 | [linkedin.com/in/rizal-muhammin-n/](https://linkedin.com/in/rizal-muhammin-n/) | [github.com/Bxtohur](https://github.com/Bxtohur)

## WORKING EXPERIENCE

---

<b>Madusport POS System</b> , Kuningan <i>Full-Stack Web Developer</i>	Sep 2024 - Dec 2024
<ul style="list-style-type: none"><li>Engineered a complete Point-of-Sale (POS) system for Madusport Store using Laravel and Vue.js.</li><li>Implemented FEFO (First-Expired, First-Out) stock management, transaction tracking, and a responsive administrative dashboard.</li></ul>	
<b>Universitas Kuningan</b> , Kuningan <i>AI Research</i>	Jul 2025 - Oct 2025
<ul style="list-style-type: none"><li>Collaborated with the Vice-Rector I on end-to-end research and development of a multimodal deep learning system.</li><li>Led the development of the backend (Flask) and frontend (React) to integrate multiple complex AI models.</li><li>Developed and integrated AI models for Face Recognition, Pose Classification, Emotion Recognition, NLP, and Speech-to-Text.</li></ul>	
<b>Universitas Kuningan</b> , Kuningan <i>Laboratory Assistant</i>	Sep 2023 - Dec 2024
<ul style="list-style-type: none"><li>Performed routine maintenance and troubleshooting of computer hardware and software.</li><li>Supervised and supported laboratory sessions to ensure smooth and compliant operations.</li><li>Assisted lecturers in evaluating and grading student practical assignments.</li></ul>	

## PROJECTS HIGHLIGHT

---

<b>Learnhub MOOC App</b> , Kuningan <i>Android Developer</i>	Jul 2023 - Jan 2024
<ul style="list-style-type: none"><li>Developed the Learnhub Massive Open Online Course (MOOC) application for Android using Kotlin and XML.</li><li>Applied SCRUM methodology for project management and utilized Git for effective team collaboration.</li></ul>	
<b>MyEong IoT Smart Feeder</b> , Kuningan <i>Software Engineer</i>	Jan 2024 - Jun 2024
<ul style="list-style-type: none"><li>Designed and engineered an IoT-based smart cat feeder as a final project.</li><li>Developed an Android application for monitoring and controlling the IoT system.</li><li>Executed the project within a team framework, applying Design Thinking and iterative prototyping methodologies.</li></ul>	
<b>Wadowetan Village News Portal</b> , Majalengka <i>Full-Stack Web Developer</i>	Aug 2024
<ul style="list-style-type: none"><li>Designed and deployed a local news portal to serve as the primary digital information hub for the Wadowetan community.</li><li>Engineered the complete backend system using Laravel, including features for article and content management.</li><li>Built a fully responsive and modern user interface from the ground up with Tailwind CSS and managed the data structure using MySQL.</li></ul>	
<b>Video Labeling &amp; Keypoint Extraction System for ST-GCN Training</b> , Kuningan <i>Software Engineer</i>	Sep 2025
<ul style="list-style-type: none"><li>Developed a Python-based video labeling and keypoint extraction tool tailored for ST-GCN (Spatio-Temporal Graph Convolutional Network) training.</li></ul>	

- Implemented YOLOPose for human pose detection and automated keypoint extraction from video datasets.
- Designed an intuitive GUI application for labeling actions and managing annotation datasets to streamline model training workflows.

### Absenku: Employee Attendance System, Kuningan

Jan 2025 - Jun 2025

#### Software Engineer

- Developed a desktop-based employee attendance application with multiple face detection and recognition to streamline attendance processes.
- Implemented YOLO-Face for real-time multi-face detection and ArcFace for high-accuracy facial recognition, fully integrated in a single Tkinter-based Python application.
- Built core features including automated face-based attendance, employee registration, and attendance management.

## EDUCATION

---

### Universitas Kuningan, Kuningan

Sep 2021 - May 2025

#### Bachelor of Computer Science, Informatics Engineering

GPA 3.74 of 4.00

Honors: Cumlaude

## ACHIEVEMENTS

---

### Grand Winner - Best Final Project, SIB 2024, Indobot Academy

Jun 2024

Awarded for the "MyEong IoT Smart Feeder" project.

## LEADERSHIP ACTIVITIES

---

### Badan Legislatif Mahasiswa (BLM), Kuningan

Mar 2024 - Mar 2025

#### Secretary General

- Managed institutional administration and documentation, including meeting minutes, decrees, and official archives.
- Acted as the formal liaison between the legislative body and faculty/student organizations.
- Spearheaded the establishment of the Civil Engineering Student Association, overseeing legality submission, constitution drafting, and leadership ratification.

### Himpunan Mahasiswa Teknik Informatika (HIMA-TI), Bandung

Mar 2023 - Mar 2024

#### Vice President

- Coordinated all internal divisions to align with the organization's vision and mission.
- Served as the lead coordinator for inter-division meetings and directed the execution of organizational programs.

## CERTIFICATIONS

---

- IoT Engineer, Indobot Academy (Band Score: 88.75)
- Android Developer, Binar Academy (Hard Skill Score: 4.9/5.0)
- Internet of Things BIZ, CertNexus
- Databases, Information Technology Specialist Certification
- Junior Web Developer, VSGA (BNSP Certification)
- Junior Network Administrator, VSGA (BNSP Certification)

Jun 2024

Jan 2024

Nov 2024

Aug 2024

Aug 2023

Mar 2023

## LANGUAGES AND SKILLS

---

- Languages: Bahasa Indonesia (Native), English (Professional Working Proficiency)

- *Frontend: JavaScript, React, Vue.js, Tailwind CSS*
- *Backend: PHP, Python, Laravel, Flask*
- *Databases: MySQL, SQL Design & Administration*
- *Tools & Platforms: Git, Docker, VS Code, Postman, Figma*
- *Concepts: REST API, MVC, CI/CD, Agile SCRUM*
- *Certifications: Junior Web Developer (BNSP), Databases (IT Specialist)*