Lukas Ricky Krisjatmiko

Information Systems | Aspiring Artificial Intelligence & Business

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PERSONAL SUMMARY

High-achieving Information Systems student specializing in technical AI architecture and strategic business process slicing. Combines enterprise cloud experience at Telkomsel with a proven record in AI model deployment. National digital business mentor expert at translating complex technical insights into structured financial projections and product value propositions with growing interest in applying system analysis methodologies to healthcare and consumer goods operations.

EDUCATION

Telkom University

Undergraduate in Information System, Faculty of Industrial Engineering, 3.92/4.00 **Sep 2023 – Present**

WORKING EXPERIENCE

Bank Mandiri Taspen - AI Engineer Intern **Aug 2026 – Present**

- Developed an autonomous Agentic AI system with multi-agent workflows, multi-step planning, tool-calling, and data extraction to automate economic research, reporting, and infographic generation across 3 strategic divisions (OCE, Human Capital, and RBC).
- Automated research and operational workflows through prompt engineering, RESTful API integration, cron jobs, and Obsidian Vault, while contributing to AI Knowledge Management System evaluation with strict scope grounding for branch operations.

Telkomsel - Cloud Solution and Platform Development Intern **Jul 2025 – Oct 2025**

- Documented 6 enterprise cloud service workflows for Telkomsel infrastructure and produced 3 technical specification documents (BRD/FSD) through structured requirements gathering and stakeholder interviews across 3 enterprise client teams.
- Accelerate deployment readiness of 4 critical cloud components by executing technical analysis on infrastructure scalability and system architecture in Telkom Indonesia's enterprise environment.

PROJECT EXPERIENCE

BISIK - Multimodal Intelligent System for Inclusive Learning (AyoBeraksi by Telkom Indonesia) **Oct 2025**

- Designed and synchronized a multimodal state management system to integrate 4 different input channels (Camera, Upload, Text, Voice) into one unified Google Gemini AI pipeline to ensure seamless screen transitions for users.
- Developed system instructions (structured prompting) for Google Gemini 2.5 Flash, achieved a 95% compliance rate in presented technical-term-free, child-friendly explanations across 50+ edge-case test objects.

Customer Churn Prediction - Data Mining Project **Jun 2025**

- Implemented a data mining pipeline using the CRISP-DM framework and successfully achieved a model accuracy level of 85% in mapping and predicting customer loyalty patterns.
- Queried and structured 5-variable historical customer dataset using SQL and delivered actionable churn insights across 5 behavioral variables, enabling data-driven retention strategy recommendations.

TEACHING & ACADEMIC EXPERIENCE

Data Mining Lab Assistant - Daspro Laboratory Telkom University **Feb 2026 – Jun 2026**

- Mentored 50+ students in 4 practical sessions including international laboratory classes for 3 main Data Mining modules, covering data preprocessing, data modeling, and data modeling & deployment using Python and Streamlit.
- Ensured a 100% pass rate on courses with honors from lecturers through intensive mentoring in real dataset processing and analytical workflows for major assignments.

Information Systems Introduction Lab Assistant - SAG Laboratory Telkom University **Sep 2025 – Dec 2025**

- Led 10 members of the Applied Tools Division to design module case studies, assessment systems, and laboratory materials for 4 practicum shifts including international classes, using Microsoft Excel, Power BI, and WordPress.
- Achieved 100% positive mentoring feedback and a 100% A-grade pass rate through providing structured, practical guidance throughout the lab sessions and major assignment evaluations.

Assistant Lecturer of Enterprise System **Sep 2024 – Jan 2025**

- Managed enterprise systems understanding for 80+ students in 16 lecture sessions through facilitating interactive discussions, grading assignments, and maintaining response times under 15 minutes.
- Increased average assignment performance by 25% across 200+ student submissions and exams by providing highly structured, timely, and constructive feedback throughout the semester.

ORGANIZATIONAL & LEADERSHIP EXPERIENCE

Mentor Digital Business - BLCC 2026 AIESEC in Bandung **Jun 2026 – Jul 2026**

- Mentored 3 participating teams in 6 intensive sessions for BMC development, go-to-market strategy, and financial feasibility analysis, and successfully qualified 1 team to the national final round.
- Improved the quality of pitch decks for AIESEC-selected teams by providing critical feedback on business cases, driving a 40% increase in official jury evaluation scores.

Mentor Digital Business - SEARCH Telkom University **Feb 2026 – Present**

- Mentored 10+ student business teams in idea development, market validation, and proposal preparation, successfully advancing several teams to the Bandung Technopark incubation stage and PKM funding.
- Directing pitching strategies and sharpening product value propositions for 10+ mentored teams, resulting in winning achievements in various prestigious national-level business competitions.

ERP Laboratory Telkom University - Project Division Staff **Feb 2025 – Present**

- Designed and built an instructional architecture for an intelligent system supporting inclusive learning (BISIK) within one month, utilizing Next JS and Google Gemini 2.5 Flash AI integration; the system is currently in active use at SLB Negeri Djojonegoro.
- Organized a community service initiative on personal branding for 30 SMK Telkom students, achieved a 90% satisfaction score and guiding 100% of participants to independently create a ready-to-use personal resume.

SEARCH Telkom University - Manager of Human Resource **Dec 2024 – Jan 2026**

- Increased the effectiveness of the cabinet work program by ±60% in 18 active work programs by leading 39 members of the HR division and overhauling the recruitment and member management flow via Google Workspace.
- Drove process improvement across 18 active programs by redesigning the HR workflow that includes recruitment, member tracking, and inter-divisional coordination resulting in 40% reduction in onboarding time.

TEDxTelkom University - Sponsor and Partnership's staff **Dec 2024 – May 2025**

- Secured 20+ media partnership agreements representing 100% of the total event sponsorship target through structured outreach, pitching, and negotiation using Google Workspace.
- Simplified sponsorship progress monitoring and data integration across 5 active partnerships using Google Workspace, resulting in goal-based meetings and seamless cross-divisional alignment.

ICADEIS 2025 - Coordinator of Event Division **Jan 2025 – Feb 2025**

- Coordinated the end-to-end execution of 3 parallel sessions at an international conference for 200+ attendees by leading 11 members of the Events Division and aligning logistics across faculty stakeholders.
- Achieved 95% attendee satisfaction rating, measured through post-event surveys, by ensuring smooth delivery of conference segments and proactive cross-divisional communication.

Java Business Competition 2025 - Head of Event Organizer Division **Apr 2025 – Oct 2025**

- Exceeded audience attendance targets by 15% by coordinating 13 members of the Event Organizer division across the entire event planning and execution cycle via Google Workspace.
- Optimized the flow and quality of events at a 2-day national meeting by designing and executing a structured event strategy by aligning other divisions and cross-faculty stakeholders.

HMSI General Election Committee 2025 - Chairman **Nov 2024 – Jan 2025**

- Initiated a 229% surge in student voter participation by reviving the first offline election debate format in 5+ years, and mobilized and led the 23-member organizing committee.
- Organized the entire series of election events on budget and on time by establishing a clear decision-making framework and cross-functional role allocation without any reports of major incidents.

ACHIEVEMENTS

- Most Outstanding Student in Faculty of Industrial Engineering, Telkom University (2026)
- 1st Place National Business Model Canvas Competition - CLOSER 10th, Telkom University (2025)
- 1st Place UI/UX National Competition - General Achmad Yani University Yogyakarta (2025)
- 2nd Place National ICT Business Development Competition - ITASE 6.0, Telkom University Purwokerto (2025)
- Best Collaborator JIASIC HACKATHON - Java Business Competition (2024)

SKILLS

- **Technical skills:** Programming (Python, SQL, Next JS), Tools & BI (Power BI, SAP SCM, Advanced Excel, WordPress), AI & Data (Data Mining, CRISP-DM, Google Gemini 2.5 Flash), Cloud (AWS, Oracle Cloud), Requirements Gathering, Business Process Mapping (BPMN), Gap Analysis, SDLC (Agile/Scrum).
- **Interpersonal Skills:** Leadership, Communication, Collaboration, Time Management, Project Management, Problem Solving, Adaptability, Cross-functional Collaboration, Strategic Communication, Digital Business Mentoring.
- **Languages:** Bahasa Indonesia (Native), English (Professional Working Proficiency)

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional - Oracle (2025)
- Oracle Cloud Infrastructure 2025 Certified Generative AI Foundation Associate - Oracle (2025)