

AULIA PUTRI MAHARANI

Jember, East Java, Indonesia | +62 858-5802-6250 | auliaputribwi1997@gmail.com
<https://www.linkedin.com/in/aulia-putri-maharani-700b562a6/>

PROFILE SUMMARY

An active undergraduate student in Information Systems with a **strong passion** for **data-driven** technology **research and development**. **Experienced** in various organizational roles such as Events Division Member, Treasurer, and Public Relations, as well as project roles including **researcher** and **communication manager**. **Demonstrated ability** to work with datasets of over 5,000 entries and contribute to **AI-based research** initiatives. Equipped with **solid skills** in **data analysis**, **programming tools**, and **project management**, and highly **interested** in pursuing a career as a **System Analyst** through **collaborative** and **impactful** technological solutions.

PROJECT EXPERIENCE

Laboratorium Artificial Intelligence – Fakultas Ilmu Komputer, Universitas Jember

2024 – 2025

Public Relations & Research

- Developed predictive models using over 5,000 e-commerce data entries to improve user behavior analysis.
- Managed the lab's social media to expand outreach and strengthen the AI Lab brand.
- Coordinated seminars and expos to promote lab research and innovation to the campus community.
- Participated in AI competitions as part of a team to enhance skills and institutional achievements.

Psychology Website Project

- Wrote 3,000+ lines of code using HTML, PHP, CSS, JavaScript, Laravel, and Tailwind to build an interactive and responsive psychological assessment platform.
- Collaborated with psychologists to develop assessment questions related to interests, learning motivation, learning methods, and brain tendencies.
- Integrated interactive features to allow users to access their assessment results through a user-friendly interface.
- Optimized website functionality to serve as a practical and informative digital assessment tool.

Website Based Duck Hatchery Management System

- Conducted field interviews and translated business needs into a detailed Software Requirements Specification.
- Designed comprehensive system architecture using UML and BPMN (Use Case, BPMN, ERD, Class Diagram).
- Created user stories and defined functional scope for both owner and partner roles.
- Collaborated with UI/UX designers and developers to ensure implementation aligned with user and business goals.

Goat Milk Management and Partnership Website

- Collected and analyzed business requirements to address inefficiencies in manual processes.
- Designed complete system architecture using UML diagrams (Use Case, Class Diagram, and Sequence).
- Enabled 20% cost reduction and 46.7% profit growth through workflow digitization.
- Transformed business requirements into clear system specifications.

Vegetable Store Desktop Application

- Developed a desktop application for inventory and transaction management in a vegetable store using C#.
- Applied OOP principles and wrote over 3,000 lines of code to build an efficient and user-friendly system.
- Designed stock recording and transaction features to automate and structure store operations.
- Delivered an application that doubled daily workflow speed compared to the previous manual system.

EDUCATION

Universitas Jember

Bachelor of Information Systems – GPA 3.93/4.00

2023 – Present

- **Relevant Courses:** Introduction to Artificial Intelligence, Data Analytics and Visualization, System Analysis and Design, Object-Based Programming, Web Programming, Data Mining, Object-Oriented Design
- **Achievements:**
 - Passed P2MW funding in 2024
 - University representative at KMI EXPO in 2024

SMAN 1 Purwoharjo

Natural Sciences Major

2020 – 2023

- **Achievements:**
 - 1st place in the National Islamic Competition in 2022

ORGANIZATIONAL EXPERIENCE

HIMASIF

Member of Research and Development Division

2023 – 2024

- Analyzed students' interests and talents as the foundation for developing work programs and internal training.
- Managed data of high-achieving students as effective references for organizational event speakers.
- Compiled activity reports and monthly meeting recaps to support evaluation and future planning.
- Assisted in R&D activities that supported academic growth and the development of HIMASIF.

COMMITTEE EXPERIENCE

UKM Linux – Fakultas Ilmu Komputer, Universitas Jember

Event Division Member (Volunteer)

2025

- Coordinated team members to ensure events ran smoothly and were well-organized.
- Structured event agendas and technical procedures to keep timelines and flows on target.
- Served as an MC during key events to maintain participant engagement and enthusiasm.

IT Convert – HIMASIF, Universitas Jember

Treasurer (Volunteer)

2024

- Prepared detailed and efficient event budgets to ensure smooth financial operations.
- Managed all cash transactions throughout the event to keep expenses aligned and transparent.
- Delivered timely financial reports as part of accountability to the committee and organization.

Gathering 2024

Public Relations Division (Volunteer)

2024

- Created promotional broadcasts and followed up individually with participants to maximize attendance.
- Successfully attracted over 100 participants through targeted communication strategies.
- Served as the event moderator, engaging and managing a live audience of 100+ participants.

Welcoming Session 2024 – HIMASIF, Universitas Jember

Chief Organizer (CO) of Student Affairs Coordination & Mentor

2024

- Managed student attendance and maintained accurate records of 2024 freshman data.
- Coordinated event logistics and schedules to ensure smooth execution of all activities.
- Mentored two teams in the digital business category, which won 1st and 2nd place out of 20+ participating teams in an internal competition.

SSI – HIMASIF, Universitas Jember

Public Relations Division Member (Volunteer)

2023

- Contacted judges and speakers persuasively to ensure smooth participation in the SSI event.
- Managed social media with scheduled content to maintain engagement and up-to-date information.
- Crafted engaging captions and stories to deliver promotional messages effectively.

ACHIEVEMENTS

P2MW (Program Pembinaan Mahasiswa Wirausaha) – Kemendikbudristek | 2024

- Passed the initial stage in the digital business category with an AI & VR-based wedding organizer application innovation.
- Secured Rp15 million in funding, competing with over 3,000 other proposals nationwide.

KMI EXPO – Kemendikbudristek | 2024

- Represented the university as the only early-stage digital business team selected to present an AI & VR-based application.
- Contributed to the initial design and development of the application, competing with more than 2,000 submitted proposals.

CERTIFICATION

- **IoT Webinar Certificate** – Smart Agriculture Laboratory | 2024

SKILLS

- **Software:** Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Visual Studio, VS Code, Google Colab, DataModeler, PgAdmin4, Laragon, Trello, Enterprise Architecture, GIT, Draw.IO, Canva, Figma.
- **Technical:** Programming Languages (C#, Python (Hard, Scikit-Learn), CSS, JavaScript, PHP, HTML), Framework (Laravel, React.Js), Database (PostgreSQL, MySQL), Project Management, Team Management, Data Mining, Information System Design.
- **Personal:** Analytical Thinking, Problem-Solving, Leadership, Public Speaking, Teamwork, Adaptability, Time Management, Initiative, Creativity, Innovation, Attention to Detail, Communication, Collaboration, Fast Learning.
- **Languages:** Indonesia (Native), English (Passive).