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EDUCATION

IPB UNIVERSITY — West Java, Indonesia
Applied Bachelor, Software Engineering Technology — August 2027 (Expected)

PROFESSIONAL EXPERIENCE

AG Diebra — Jakarta, Indonesia
Founder & CEO — May 2026 – Present

- Lead the development of AG Diebra, a future-oriented agribusiness ecosystem company that connects technology, research, business, and collaboration, while setting the strategic direction and driving business development and partnership initiatives.
- Coordinate cross-functional teams across technology, creative, and marketing communications, driving digital solutions and ecosystem initiatives that address real-world agribusiness needs.

MNC Media 3TV (RCTI, MNCTV & GTV) — Jakarta, Indonesia
Full Stack Developer Intern — July 2026 – Present

- Develop backend features, RESTful APIs, and frontend interfaces for Marketing Operations, including BoD dashboards and ETL data flows (Pentaho), using HeidiSQL, Docker, Redis, and Postman.
- Manage Leads Management in the CRM for key client accounts, handling 100,000+ records, while collaborating with software engineers, product stakeholders, and QA teams from development through deployment.

PT Era Kualitas Informasi — Bekasi, Indonesia
Software Engineering Intern — January 2022 – April 2022

- Processed and structured data from multiple sources using MySQL, and developed interactive data visualizations using Chart.js to support business reporting and internal decision-making for stakeholders.

PROJECTS AND ACHIEVEMENTS (SELECTED)

CUSTOMER CHURN PREDICTION & BUSINESS INTELLIGENCE DASHBOARD — June 2026

- Built an end-to-end customer churn prediction pipeline using PySpark, SQL, Scikit-learn, XGBoost, and SMOTE on 50,000+ e-commerce customer records.
- Achieved 91.1% prediction accuracy with AUC 0.92.
- Developed interactive Power BI dashboards for Executive Overview, Customer Segmentation, and Risk Analysis.
- Built ChurnAI, a web-based prediction platform using FastAPI and React.

STUDENT DRESS CODE COMPLIANCE DETECTION SYSTEM — June 2026

- Developed a computer vision system using YOLOv8n to automatically detect student dress code compliance.
- Trained the model using 600+ manually labeled images.
- Achieved 98.3% Precision, 98.2% Recall, 98.2% F1-Score, and 98.0% mAP@50.
- Built a real-time web-based monitoring interface for administrative staff.

PLANT RESCUE: AUGMENTED REALITY LEARNING APPLICATION — June 2026

- Developed an educational mobile application using Unity and Vuforia Engine.
- Implemented AR-based plant disease recognition integrated with quizzes and interactive learning.
- Designed complete UI/UX flow, AR interaction system, and learning experience.

GYMNAS WEB-BASED GYMNASIUM RESERVATION SYSTEM — Dec 2025

- Designed and developed a reservation management system using Laravel, MySQL, and Bootstrap.
- Implemented online booking, schedule management, and user authentication.
- Successfully registered Intellectual Property Rights (HAKI) for the software.

HEYCOW SMART LIVESTOCK MANAGEMENT SYSTEM — Oct 2025

- Built an integrated livestock monitoring platform combining Web Application, Mobile Application, and IoT devices.
- Developed monitoring dashboard and livestock management features to improve operational efficiency.

ADDITIONAL ACHIEVEMENTS

- Most Favorite Delegate – International Youth Goals Batch 5, Bangkok (2026)
- Bronze Medal – International Business Model Canvas Competition (AGREETION) (2025)

- National Finalist – ETHNIC x INTERVAL Business Case Competition (2025)
- 2nd Place – National Business Plan Competition, STIE YKPN (2025)
- 3rd Place – National Business Plan Idea Competition PIONEERS 4.0, HIPMI PT UGM (2025)
- 2nd Place – IPB Agriinformatics Competition (Technology & Innovation) (2024)
- Best Staff Project Officer Department – Youth Ranger Indonesia (2025)

ACTIVITIES AND LEADERSHIP

YOUTH RANGER INDONESIA West Java, Indonesia

Chief Project Officer December 2025 – Present

- Led national-scale youth development programs by collaborating with government institutions, private companies, and community partners to deliver impactful initiatives.
- Secured strategic partnerships with organizations including ParagonCorp, executing multi-city programs across Jakarta, Bandung, Yogyakarta, and Surabaya, reaching 500+ participants and generating IDR 160M+ in partnership value.
- Directed end-to-end program execution, stakeholder engagement, and cross-functional team coordination while leading upcoming national initiatives with Jakarta Smart City and regional government partners.

Project Officer Staff December 2024 – December 2025

- Received the Best Staff Project Officer Department award for outstanding performance in planning and executing national-scale youth initiatives.
- Served as Project Leader for the Youth Empowerment Festival, securing IDR 50M in funding from Kemenpora RI and collaborating with 20+ strategic partners.
- Coordinated logistics and operational execution for large-scale programs, including the Indonesian Youth Potential Ambassador Award and Indonesia Youth Potential Camp.

FYP Media Jakarta, Indonesia

Vice National District Manager December 2024 – January 2026

- Led regional content strategy across six provinces by developing issue-based campaigns aligned with current social trends and community interests.
- Collaborated with the Ministry of Women's Empowerment and Child Protection and the Ministry of Youth and Sports in national youth engagement and mental health initiatives.
- Coordinated cross-regional teams to strengthen campaign execution, community development, and organizational expansion across Indonesia.

IMAJATOS IPB West Java, Indonesia

Vice Chairman March 2024 – November 2025

- Led organizational rebranding and restructuring that connected 800+ student leaders nationwide, achieved 90% active member participation, and secured formal university recognition – managing a team of 50 and budget of IDR 300M across 15+ programs.
- Directed cross-functional teams to improve organizational performance while initiating leadership forums, podcasts, and national student discussion programs.

IPB UNIVERSITY West Java, Indonesia

Volunteer Project Contributor July 2025 – November 2025

- Contributed to a community service project focused on the digital transformation of Desa Wisata Mulyaharja through website development, virtual tours, and augmented reality solutions.
- Collaborated with multidisciplinary academic teams to enhance digital accessibility and improve visitor experience for local tourism.
- Supported the implementation of technology-driven solutions to promote sustainable tourism and community engagement.

BEM SEKOLAH VOKASI IPB West Java, Indonesia

Student Advocacy & Welfare Staff May 2024 – November 2025

- Initiated and led Workshop V911, a campus-wide advocacy program focusing on mental health awareness, sexual harassment prevention, and student welfare.
- Organized national student development programs on essay writing, CV preparation, and TOEFL, engaging 283 teams from 75+ universities across 16 provinces.
- Managed student welfare initiatives through financial aid advocacy, community service programs, and digital awareness campaigns reaching 10,000+ online engagements.

DEDIKASI KITA West Java, Indonesia

Volunteer Head of Public Relations (Patungan Bareng Project) January 2025 – February 2025

- Led public relations activities and coordinated communication with 28 strategic partners to support the successful execution of the Patungan Bareng social initiative.
- Managed guest relations, including invitation coordination, reception, and on-site registration during the event.
- Strengthened stakeholder engagement by maintaining effective communication between collaborators, sponsors, and organizing committees.

MPKMB SV IPB West Java, Indonesia
Commander & Mentor May 2024 – November 2024
- Led and mentored 400+ new students throughout the MPKMB 61 orientation program at IPB Vocational School.
- Coordinated with 8 Person in Charge (PIC) teams to ensure effective communication and smooth program execution.
- Facilitated leadership development, team building, and student adaptation during orientation activities

YOUNG ON TOP BOGOR West Java, Indonesia
Volunteer Logistics Secretary & Treasurer October 2024 – December 2024
- Managed procurement, budgeting, and logistics planning to support successful event operations.
- Coordinated inventory management, storage, and distribution processes to ensure timely resource availability.
- Oversaw financial administration and logistics documentation while maintaining operational efficiency.

KEMSI IPB West Java, Indonesia
Volunteer Logistics Secretary & Treasurer December 2023 – January 2024
- Led branding and digital communication strategies by producing engaging visual content across social media platforms.
- Designed promotional materials and managed Instagram content, with Reels achieving an average reach of 7K+ views.
- Strengthened event visibility through consistent branding and audience engagement campaigns.

STUDENT COUNCIL West Java, Indonesia
Volunteer Logistics Secretary & Treasurer January 2022 – January 2023
- Led the Student Council in planning and executing 10+ school-wide programs, including leadership training, student orientation, and national celebration events.
- Directed leadership development initiatives through LDKS and LDKO, strengthening organizational capacity and student participation.
- Introduced a student aspiration platform that translated student feedback into actionable school initiatives while engaging over 2K participants across various programs.

OBSERVASI West Java, Indonesia
Volunteer Deputy October 2022 – November 2022
- Co-developed event concepts, strategic planning, and operational workflows for the OBSERVASI educational seminar.
- Coordinated cross-functional committees to ensure seamless event execution and effective team collaboration.
- Supervised on-site operations to ensure all sessions were delivered successfully and according to schedule..

ADDITIONAL

Technical Skills: PHP, Java, JavaScript, SQL/MySQL, PostgreSQL, Laravel, Spring Boot, Python (Pandas, NumPy, PySpark MLlib, Scikit-learn, XGBoost, OpenCV, YOLOv8), HTML, CSS, Bootstrap, Tailwind CSS, React, FastAPI, RESTful API Development, Power BI (Power Query), Microsoft Excel, Git, GitHub, Unity, Vuforia Engine, Figma, Postman, Google Colab
Languages: Conversational in English, Fluent in Indonesian
Certifications & Training: Geospatial Data Analytics Essential (LinkedIn Learning), Web-Based Gymnasium Reservation System EC00202464921 (HAKI)