

# M. Kaspul Anwar

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I am M. Kaspul Anwar, an undergraduate student at Universitas Islam Negeri Antasari, specializing in Information Technology with a strong passion for corporate strategy, business development, and operational leadership. I have a proven ability to lead cross-functional teams, drive digital transformation, and optimize supply chain operations. My expertise lies in financial forecasting, risk management, and strategic decision-making, all aimed at enhancing business efficiency and profitability. I am deeply passionate about leveraging technology and data-driven insights to revolutionize the transportation and logistics sector, ensuring sustainable and scalable growth.

## EDUCATION

<b>Bachelor of Computer Science</b> Antasari State Islamic University	<b>Aug 2023 - Aug 2027</b> GPA: 3.90 / 4.00
Developed a solid foundation in computer science principles, including software engineering, artificial intelligence, and data structures. Engaged in academic research and innovative tech projects within the university.	
<b>Science and Mathematic</b> Al Mazaya Islamic Senior High School	<b>Jun 2018 - Jun 2021</b> GPA: 3.80 / 4.00
Focused on natural sciences and mathematics with a strong analytical and logical problem-solving background. Built early interests in computing and technology through science-based projects.	

## WORK EXPERIENCE

<b>Machine Learning Cohort</b> <b>Google Cloud Arcade Facilitator 2025</b>	<b>Aug 2025 - Sep 2025</b> <b>Banjarmasin, South Kalimantan, Indonesia</b>
<ul style="list-style-type: none"><li>Mastered the Machine Learning path on Google Cloud through intensive, hands-on learning and practical application in the Google Cloud Arcade 2025 program.</li><li>Developed expertise in key Google Cloud services, including Vertex AI, BigQuery, and Compute Engine, by completing over 106 hands-on labs and 11 courses.</li><li>Earned 21 Skill Badges in a short period, demonstrating high proficiency and rapid assimilation of cloud infrastructure and machine learning concepts.</li></ul>	
<b>Presenter</b> <b>Borneo Undergraduate Academic Forum 2024</b>	<b>May 2025 - Sep 2025</b> <b>Samarinda, East Kalimantan, Indonesia</b>
<ul style="list-style-type: none"><li>Developed and Delivered a research paper titled "Premises Cloud Costscape pada Efisiensi Infrastruktur IT Perguruan Tinggi di Banjarmasin" in the Science and Technology panel of the 8th BUAF, contributing significant insights to discussions on cloud infrastructure optimization.</li><li>Achieved recognition as The Best 1st Novelty in Science and Technology and The 3rd Best Presentation, demonstrating originality and mastery in communicating complex research impact.</li></ul>	
<b>Accreditation Documentation Assistant</b> <b>Information Technology Study Program</b>	<b>May 2024 - Jun 2024</b> <b>Banjarmasin, South Kalimantan, Indonesia</b>
<ul style="list-style-type: none"><li>Managed the meticulous compilation and reviewed over 50 accreditation documents, ensuring 100% compliance with BAN-PT standards for the Information Technology Study Program.</li><li>Developed key narrative sections and curated supporting data from multiple institutional sources, resulting in the successful achievement of the 'Baik' (Good) accreditation rating for the study program.</li></ul>	
<b>IT Support &amp; Assistance</b> <b>University of Lambung Mangkurat</b>	<b>Nov 2023 - Nov 2023</b> <b>Banjarmasin, South Kalimantan, Indonesia</b>
<ul style="list-style-type: none"><li>Managed and Delivered essential IT support for The International Conference on Energy, Sustainable Development, and Management (ICESDM) 2023, overseeing the full setup and maintenance of hardware, software, and audiovisual systems for hybrid (online and offline) sessions.</li><li>Resolved technical issues promptly and effectively under supervision, thereby maintaining seamless and uninterrupted conference activities for all participants.</li></ul>	
<b>Trolley Machine Operator</b> <b>PT. Basirih Industrial Corporation</b>	<b>Aug 2022 - Jun 2023</b> <b>Banjarmasin, South Kalimantan, Indonesia</b>
<ul style="list-style-type: none"><li>Operated and maintained a single industrial trolley machine, serving as the critical logistical link between the Sanders, Putty/Filler, Sizer, and Film Face sections.</li><li>Coordinated material flow and time management across four distinct manufacturing sections, ensuring minimal production bottlenecks and seamless operational transfer.</li><li>Minimized machine downtime through rigorous daily maintenance checks, maintaining 100% compliance with all industrial safety and operational standards.</li></ul>	
<b>Tally</b> <b>PT. Basirih Industrial Corporation</b>	<b>Jul 2022 - Aug 2022</b> <b>Banjarmasin, South Kalimantan, Indonesia</b>
<ul style="list-style-type: none"><li>Maintained and audited inventory records with a strong emphasis on accuracy, enabling efficient stock tracking and streamlined material flow.</li><li>Ensured precision in documentation and material verification, enhancing data integrity and supporting operational consistency.</li></ul>	

<b>Sander Crew</b>	<b>Jul 2021 - Jul 2022</b>
<b>PT. Basirih Industrial Corporation</b>	<b>Banjarmasin, South Kalimantan, Indonesia</b>
<ul style="list-style-type: none"> <li>Supported industrial production operations by ensuring workflow continuity, adherence to safety protocols, and coordination with logistics and warehouse teams.</li> <li>Strengthened resilience, adaptability, and team collaboration in a fast-paced, high-demand manufacturing environment.</li> </ul>	
<b>Web Administrator &amp; Strategic Developer</b>	<b>Aug 2019 - Jun 2021</b>
<b>Caripengetahuan.id</b>	<b>Banjarmasin, Indonesia</b>
<ul style="list-style-type: none"> <li>Led content strategy, SEO optimization, and front-end development for Caripengetahuan.id, driving its growth to 1.2M+ total readers and a peak of 1,081 concurrent online users.</li> <li>Ensured high website performance and user experience through consistent maintenance, UI improvements, and data-driven content planning.</li> </ul>	

## ORGANIZATIONAL & VOLUNTEER EXPERIENCE

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<b>Vice President</b>	<b>Apr 2025 - Apr 2026</b>
<b>Information Technology Student Assosiation</b>	<b>Banjarmasin, South Kalimantan, Indonesia</b>
<ul style="list-style-type: none"> <li>Assist the President in managing organizational duties and ensuring consistency across internal operations.</li> <li>Coordinate inter-department communication and help maintain alignment between strategic planning and daily execution.</li> </ul>	
<b>Head of Media and Communications Division</b>	<b>Aug 2024 - May 2025</b>
<b>Muhammadiyah University Student Association</b>	<b>Banjarbaru, South Kalimantan, Indonesia</b>
<ul style="list-style-type: none"> <li>Served in the Commissariat Leadership of Universitas Islam Negeri Antasari Banjarbaru.</li> <li>Managed content creation and communication strategies to support the organization's outreach and internal coordination.</li> </ul>	
<b>Head of Communication and Information Division</b>	<b>Mar 2024 - Apr 2025</b>
<b>Faculty Student Representative Council</b>	<b>Banjarbaru, South Kalimantan, Indonesia</b>
<ul style="list-style-type: none"> <li>Developed and executed strategies to enhance the visibility and transparency of the council's programs and objectives.</li> <li>Led the Communication and Information Division, overseeing the dissemination of information and managing internal and external communication.</li> </ul>	
<b>Hydroponics Speaker</b>	<b>Aug 2024 - Aug 2024</b>
<b>Community Service Program 2024</b>	<b>Loksado, Hulu Sungai Tengah, Kalimantan Selatan</b>
<ul style="list-style-type: none"> <li>Delivered a hands-on hydroponics session to the Dayak Meratus community, integrating sustainable farming practices with the program's theme: "Spiritual Value Management and Environmental Conservation in Promoting Religious Moderation through Local Wisdom."</li> <li>Explained the integration of eco-friendly agriculture with local wisdom to promote resource-efficient food production.</li> </ul>	
<b>Website Administrator</b>	<b>Jan 2024 - Jun 2024</b>
<b>Information Technology Study Program</b>	<b>Banjarbaru, South Kalimantan, Indonesia</b>
<ul style="list-style-type: none"> <li>Managed and maintained the official website of the Information Technology Study Program (ti.uin-antasari.ac.id).</li> <li>Ensured timely content updates, optimal site performance, and a user-friendly experience.</li> </ul>	
<b>Vice Coordinator</b>	<b>Nov 2023 - May 2024</b>
<b>KIP College Scholarship Management, 2023 Cohort</b>	<b>Banjarbaru, South Kalimantan, Indonesia</b>
<ul style="list-style-type: none"> <li>Validated 450+ student reports using Excel, ensuring accuracy under the university's scholarship affairs supervision.</li> <li>Streamlined decision-making for report approval and rejection, contributing to efficient documentation for a program supporting over 450 KIP awardees.</li> </ul>	

## PROJECTS

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<b>HafalQ</b> <a href="#">↗</a>	<b>Jul 2025 - Jul 2025</b>
HafalQ is a mobile application developed using Flutter to help users memorize the Qur'an effectively through the Tasmi' method. This project is currently in active development as a collaborative initiative with the Dean of the Faculty of Da'wah & Communication Science.	
<b>Child Fall Detection System</b> <a href="#">↗</a>	<b>Apr 2025 - May 2025</b>
Developed an AI-based fall detection system using MediaPipe for pose estimation, integrated with ESP32-CAM and MQTT for real-time monitoring. The system sends instant Telegram alerts when a child fall is detected. Designed with edge computing principles for low-latency and efficient safety surveillance.	
<b>Neurascan</b> <a href="#">↗</a>	<b>Jan 2025 - Feb 2025</b>
NeuraScan is an AI-driven web application that detects brain tumors from MRI scans using Mask R-CNN. Designed to support early and accessible diagnosis, the system brings deep learning into a usable clinical tool.	
<b>TaniKita</b> <a href="#">↗</a>	<b>Dec 2024 - Dec 2024</b>
taniKita is a web application designed to directly connect farmers with small-medium enterprises (SMEs) and individual consumers. By eliminating third-party intermediaries, the platform aims to create a more efficient, transparent, and fair supply chain in the agricultural sector	
<b>Journal Paper – Premises Cloud Costscape</b> <a href="#">↗</a>	<b>May 2024 - Sep 2024</b>
This academic paper introduces Premises Cloud Costscape, a novel analytical framework for evaluating and optimizing the cost efficiency of IT infrastructure in higher education institutions. The study critically examines the challenges of balancing on-premise and cloud-based infrastructure in the context of limited campus budgets.	
<b>Rupiah Currency Denomination &amp; Sum Detection</b> <a href="#">↗</a>	<b>May 2024 - May 2024</b>
This project aimed to empower visually impaired individuals by developing a smart currency detection and counting system using YOLOv8, a state-of-the-art object detection framework. As the lead developer and AI pipeline contributor, I collaborated on building a functional prototype trained on a dataset of 2,877 images of Indonesian Rupiah captured under various lighting conditions and angles.	

## CERTIFICATIONS

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Introduction to Artificial Intelligence (Credential ID: MDL-211) <a href="#">↗</a> by IBM	Nov 2025
Memulai Pemrograman dengan Python (Credential ID: 4EXG3N51DZRL) <a href="#">↗</a> by Dicoding Indonesia	Sep 2025
Belajar Dasar Git dengan GitHub (Credential ID: EYX4K7DE6PDL) <a href="#">↗</a> by Dicoding Indonesia	Aug 2025
Git for Beginners (Credential ID: UC-3bc2dc2d-f0c2-48ee-b744-7b2898e69771) <a href="#">↗</a> by Udemy	Aug 2025
Memulai Dasar Pemrograman untuk Menjadi Pengembang Software (Credential ID: 72ZDKEKNVPYW) <a href="#">↗</a> by Dicoding Indonesia	Aug 2025
The Git & Github Bootcamp (Credential ID: UC-e8f84026-7b8a-4138-a73a-ad0c26c671a2) <a href="#">↗</a> by Udemy	Aug 2025
Pengenalan ke Logika Pemrograman (Programming Logic 101) (Credential ID: N9ZO2E0RRPG5) <a href="#">↗</a> by Dicoding Indonesia	Aug 2025
Belajar Dasar AI (Credential ID: RVZK GK6MQXD5) <a href="#">↗</a> by Dicoding Indonesia	Aug 2025
C++ Complete Training Course for C++ Beginners All In One (Credential ID: UC-9041a9f2-77d6-4d45-93e6-492426dd4a01) <a href="#">↗</a> by Udemy	Jul 2025
Belajar Dasar Manajemen Proyek (Credential ID: 53XEKL3NVXRN) <a href="#">↗</a> by Dicoding Indonesia	Jul 2025
AWS Academy Graduate - Cloud Foundations - Training Badge <a href="#">↗</a> by Amazon Web Services	Feb 2024

## SKILLS

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**Core Skills:** Executive Leadership & Strategic Planning, Corporate & Business Development, Operational Efficiency & Performance Optimization, Risk Assessment & Financial Analysis, Process Automation & AI Integration

**Technical Skills:** Data Science, Machine Learning, Deep Learning, Artificial Intelligence

**Programming Skills:** Python, C++, R, Golang, JavaScript, FastApi, Colab, Docker, JupyterLab

## AWARDS

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The 1st Best Novelty in Science and Technology by Borneo Undergraduate Academic Forum Ke-8	Sep 2024
The 3rd Best Presentation in Science and Technology by Borneo Undergraduate Academic Forum Ke-8	Sep 2024

## PUBLICATIONS

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Premises Cloud Costscape pada Efisiensi Infrastruktur IT Perguruan Tinggi di Banjarmasin <a href="#">↗</a> on Borneo Undergraduate Academic Forum	Sep 2025
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The paper was presented at the 8th Borneo Undergraduate Academic Forum 2024, highlighting key insights into hybrid infrastructure cost modeling.

## LANGUAGES

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**Indonesian** (Native proficiency) • **English** (Full professional proficiency) • **Mandarin** (Elementary proficiency) • **Arabic** (Elementary proficiency) • **Spanish** (Elementary proficiency)

## REFERENCES

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Dr. Ir. Munsyi, S.Kom.,M.T (Program Coordinator of Information Technology Study Program) • munsyi@uin-antasari.ac.id