

Sakti Maulana Jati

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SUMMARY

A dual-degree Industrial Engineering student at the University of Arizona and Sampoerna University experienced in sustainable mobility and urban planning research, data analysis, and project coordination. Adaptable and detail-oriented, with a strong foundation in research and cross-disciplinary collaboration. Eager to apply analytical skills to real-world engineering challenges through design and planning.

EXPERIENCES

Founder & President Transportasi Banjarnegara	April 2024 – present
<ul style="list-style-type: none">Initiate and execute informative content on social media related to public transportation and urban development with over 50+ new audiences on Instagram and LinkedIn.Curate and examine the geographical and statistical data, financial documents, and regional development plans from 20+ journals and publications released by the governments and organizations of 3 regencies.Research, design, and publish 3 regencies' transit maps comprising different land transportation modes and 35+ routes covering 50+ districts.	
Program Management Nextage Power	September 2025 – present
<ul style="list-style-type: none">Oversee and adapt news on current social, political, and educational discourses to concrete and actionable discussions with 50+ internal audiences and 20+ external audiences.Assist with informative program promotions and campaigns on social media related to social and politics with over 2,000 audiences on Instagram.	
Data Management Executive IEOM Student Chapter Sampoerna University	October 2024 – May 2025
<ul style="list-style-type: none">Monitored the organization and maintenance of databases of 32 student council members from 5 divisions and contacts to ensure up-to-date and accurate information.Assisted with data management related to event participation, involving over 50 students, to provide insights that guide organizational strategies and enhance engagement.Supervised the record of organizational operations' expenses, inventory, and cash flows with the bursar's division for an over IDR 4 million budget.	
Content Writer BEM KM FET Sampoerna University	October 2023 – August 2024
<ul style="list-style-type: none">Authored and proofread 5 articles and essays discussing college and student life, current STEM-related issues, and social events.Collaborated with a multidisciplinary team of 9, ensuring coordination and coherent magazine content and design of over 20 rubrics.	
Retail Marketing Staff Intern Mirae Asset Sekuritas Indonesia	June 2023 – August 2023
<ul style="list-style-type: none">Composed 2 financial education content (presentation) for the literacy campaign at 3 education institutions based on 5 years of national and the company's recent data and statistics.Performed editorial process for the company's educational content and social campaign presentation, comprising 2 engaging content.	
Customer Relationship Management Intern Royal Sports Performance Centre	June – July 2022
<ul style="list-style-type: none">Managed and digitized 20+ patient records; scheduled consultations and interpreted medical data.Designed 3+ product and service marketing content for the clinic, managed weekly general and personal information of 20+ patients, and listed the clinic's connections with 20 other clinics/hospitals in Indonesia.	

SKILLS

Technical skills: QGIS, Python, C++, Microsoft VBA, Microsoft Word, Microsoft Excel, Google Workspace, Affinity Design.

Soft skills: Strategic planning, critical thinking, project management, attention to detail, leadership, teamwork.

Languages: English, Indonesian, French.

EDUCATION

BSc & ST in Industrial Engineering	August 2023 – June 2027
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The University of Arizona International & Sampoerna University

Coursework: Business management, operations management, supply chain management, engineering software.

General Studies of Science	August 2023 – June 2025
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Keiser University

Coursework: Chemistry, physics, computer programming for engineering.

International Baccalaureate (IB) & High School Diploma	August 2020 – May 2023
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Jakarta Intercultural School

Coursework: Business management, physics, computer science.

PROJECTS

Sustainability Improvement of Public Transit System in Banjarnegara	November 2024 – present
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- Conduct comprehensive research on transportation needs and efficiencies in Banjarnegara. Analyze data from neighboring cities like Banyumas, Purbalingga, and Semarang utilizing data arrays on QGIS.
- Engage in stakeholder collaboration by initiating discussions with local government bodies (regional, provincial), transportation providers, and potential sponsors.
- Outlined a long-term implementation strategy for a sustainable and integrated transportation system, considering factors like population growth, urbanization, and environmental impact.

Business Management Internal Assessment: Blue Bird Group	November 2022 – February 2023
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- Conducted a feasibility study assessing the viability of establishing a new taxi garage for PT Blue Bird Group in Karawaci, Tangerang, analyzing the potential to increase net profit margin by 9.6%.
- Conducted primary research surveys involving over 50 respondents from customers, drivers, and stakeholders, identifying transportation gaps and customer needs.
- Proposed a cost-effective solution to build a smaller taxi station rather than a full garage, optimizing fleet placement and reducing customer wait times by up to 20%.

HONOR & AWARDS

International Baccalaureate Bilingual Diploma	May 2023
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Certified in two languages proficiency within the IB curriculum in English and Indonesian.

Putera Sampoerna Foundation Full-ride Scholarship	April 2023
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Merit and need-based scholarship issued for students attending Sampoerna University.

Bhinneka Tunggal Ika Full-ride Scholarship	June 2020
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Competitive scholarship for high-distinction students attending JIS.