

FAJAR WAHYU PRATAMA

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Mojokerto district, East Java

EXECUTIVE SUMMARY

I am a final-year student majoring in Mathematics with a focus on Industrial Mathematics and Computer Programming. I have gained substantial experience through internships in Business Intelligence Analysis, Marketing Data Analysis, and Front-End Web Development. These experiences have honed my skills in data analysis, data visualization, and web development, particularly within the industrial sector. I am actively involved in organizations related to my field of study, which has enhanced my teamwork, leadership, and problem-solving abilities. With strong analytical skills and attention to detail, I am seeking opportunities to further develop my capabilities in technology and industrial mathematics within a professional environment.

EDUCATION LEVEL

Institut Teknologi Sepuluh Nopember - Surabaya, Indonesia <i>Bachelor's Degree in Mathematics, 3.43/4.00</i> <ul style="list-style-type: none">Actively participated in more than 10 campus activities, such as webinars and skills trainingworkshops TEFL Score: 513Relevant courses: Object Oriented Programming, Database Systems, Mathematical Software, Statistical Methods, Forecasting Methods, Operations Research, Introduction to Risk Analysis, Simulation Technique, Mathematical Modeling, Financial derivatives	Aug 2021 - Aug 2025 (Expected)
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WORKING EXPERIENCES

PT Sumber Alfaria Trijaya Tbk - Sidoarjo, Indonesia <i>Marketing Data Analyst</i> On-site Internship - MSIB Batch 7 <ul style="list-style-type: none">Managed and analyzed data for regional and national promotional programs (PWP, PSM, Serba Gratis, Gratis Suka-Suka) and member contributions, ensuring data accuracy across 950+ stores using advanced Excel techniques.Automated data reporting for regional and national promotions by creating dashboards in Google Looker Studio, enhancing efficiency and detecting fraud indicators in ongoing programs.Identified promotional performance trends across various regions, provided data-driven business recommendations, and successfully helped the branch achieve retail sales of IDR 370 billion within one month.	Sept 2024 - Des 2024
Bank Muamalat X Rakamin Academy - Jakarta, Indonesia <i>Business Intelligence Analyst</i> Project Based Virtual Internship <ul style="list-style-type: none">Analyzed large datasets using advanced Excel features, including data merging, filtering, and forecastingExecuted complex SQL queries, including data joins and common table expressions, leveraging BigQuery fundamentals to derive actionable insightsDeveloped and presented dashboards in Looker Studio to effectively communicate business insights and recommendations	Apr 2024 - May 2024
Subdirektorat Koordinasi Perkuliahan Bersama / SKPB ITS - Surabaya, Indonesia <i>Front End Developer</i> On-site Internship <ul style="list-style-type: none">Designed and implemented a responsive and user-friendly web interface for ITS Resource Sharing using HTML, PHP, CSS, and JavaScriptCreated an efficient and intuitive admin dashboard interface, significantly enhancing the user experienceReceived positive feedback from the head of ITS Resource Sharing and ITS Vice Chancellor II on the success of this project	Dec 2023 - Feb 2024

ORGANIZATIONAL EXPERIENCES

Digistar Club 2024 by Telkom Indonesia - Jakarta, Indonesia <i>Front-End Mentee</i> <ul style="list-style-type: none">Gained hands-on experience in React development, building responsive UIs with components, routing, and hooksCollaborated on a real-case project to develop efficient real-time vehicle tracking solutions for LOGEE, optimizing front-end performance and user experience	Sept 2024 - Oct 2024
Technopreneurship Development Center ITS - Surabaya, Indonesia <i>External Legal Advisor & External Staff</i> <ul style="list-style-type: none">Provided legal guidance and facilitated discussions to align with organizational objectives as an External Legal AdvisorLed collaboration initiatives with employers, served as Person in Charge (PIC) for projects like TDC Talk and UKMKU UNY X TDC ITS comparative study, and contributed as a moderator and committee staff in various events as External Staff	Mar 2022 - Jan 2024

- Negotiated sponsorship contracts and maintained strong relationships with partners, ensuring smooth and sustainable deals
- Drafted sponsorship proposals, identified potential partners, and successfully established partnerships with eight companies, including PT Pertamina and Telkomsel

- Led the drafting of compelling sponsorship proposals and negotiated lucrative contracts.
- Developed long-term relationships with multiple strategic partners, successfully securing partnerships with three companies
- Managed relationships with key sponsors through ongoing communication and data-driven performance evaluation, optimizing sponsorship budgets based on cost-benefit analysis

PROJECTS

- UI/UX Design For Mobile Apps *Cattle Waste Management* (2024)
- Designed the UI/UX for a mobile application focused on livestock waste management, ensuring the design effectively supports key functions as part of my current PKM project
- Stock Price Forecasting for PT. Gudang Garam Tbk (2024)
- Analyzed daily stock prices of PT Gudang Garam Tbk (Dec 2023 - Feb 2024) using stationarity tests, Box-Cox transformations, and ARIMA modeling in R and Excel, forecasted prices with Python, and assessed accuracy with MAPE
- Analysis of Netflix TV Shows and Movies (2024)
- Analyzed and visualized Netflix data on movies and TV shows by developing interactive dashboards in Excel and Tableau to reveal content trends and support decision-making
- Company Order Dashboard Development (2024)
- Analyzed and visualized order data using Excel and Looker Studio, creating interactive dashboards with key metrics and filters to support strategic sales and operations decisions
- Applied DEMATEL in multi-criteria decision-making to enhance risk analysis (2024)
- Performed multi-criteria risk analysis with DEMATEL, evaluated risk relationships, integrated findings into decision-making, and provided prioritized mitigation recommendations
- Analysis of Raw Material Inventory Control Using the Economic Order Quantity (EOQ) Method (2023)
- Optimized order quantities for potato and curly potato inventory using EOQ, minimizing costs and adjusting policies based on demand changes

ACHIEVEMENTS

- Passed PKM Funded 2024 by the Directorate General of Higher Education and the Ministry of education and culture (2024)
- Semifinalist - Marketeers x Pertamina Innovation Challenge (2023)
- Most Progressive Team - ITS PKM League 2023 in the field of entrepreneurship (2023)
- Semifinalist - Start-up Innovation Contest 2022 by Indonesian University (2022)
- 3rd Place - Scientific class 2022 HIMATIKA ITS (2022)

SKILLS, CERTIFICATIONS & OTHER EXPERIENCES

- **Language:** Bahasa Indonesia (Native), English (Fluent).
- **Hard Skills:** Microsoft Office, Google Workspace, Figma, Python, MATLAB, JavaScript, HTML5, CSS, PHP, RStudio, SQL/MySQL, Google BigQuery, Power BI, Google Looker Studio, Tableau.
- **Others:** Public Speaking, Critical Thinking, Problem Solving, Detail-oriented, Task & Project Management, Business Analysis, Web Development, Risk Management, Statistical Computing, Data Analysis, Machine Learning.
- **Licenses and certification:** Data Preparation in Database (MySkill 2024), Introduction to Machine Learning (MySkill 2024), Object Oriented Programming (MySkill 2024), Data Structure In Python (MySkill 2024), Data Science Fundamentals (DQLab 2024), Fundamental SQL (DQLab 2024), Python Fundamental for Data Science (DQLab 2024), R Fundamental for Data Science (DQLab 2024).