

VIDI SEPTRI ARGALUS MP

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Depok, West Java, Indonesia

Solution-oriented Entry-Level IT Developer and Data Scientist with a strong foundation in full-stack development (JavaScript/React, Python/FastAPI) and Machine Learning/LLM engineering. Proven ability to drive efficiency and build intelligent solutions, demonstrated by a **70% reduction in manual reporting time** through digitalization process and the successful development of **RAG/LLM chatbot prototypes**. Proficient in **Python (Pandas, scikit-learn, TensorFlow)**, **JavaScript (Next.js)**, **SQL**, and **robust experiment tracking**. Eager to leverage technical expertise to deliver **measurable business impact** quickly.

WORK EXPERIENCE

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| PT Bank Rakyat Indonesia (Persero) Tbk. | South Jakarta, Indonesia |
| <i>Bussiness Support - IT and Risk Division</i> | Nov 2025 – Present |
| <ul style="list-style-type: none">• Spearheaded data quality assurance by collecting and rigorously cleaning high-volume customer data from various physical and digital sources for the internal validation platform.• Ensured data integrity by standardizing critical data formats (NPWP, NIK, dates, document numbers) and resolving data inconsistencies, duplicates, and missing values.• Provided structured, clean datasets that served as the foundation for the validation process and subsequent business intelligence analysis across relevant teams.. | |
| Purple Box AI | (Remote) Madrid, Spain |
| <i>Backend Developer-Freelance</i> | Oct 2025 – Present |
| <ul style="list-style-type: none">• Implemented Platform Integration for agency-SEO services, acting as the bridge between internal services and external platforms.• Successfully integrated Shopify and Woocommerce APIs to enable direct product management from the core services, streamlining e-commerce client operations.• Assisted in the development of AI services designed to enhance core SEO tools, focusing on service stability and scalability.• Wrote production-ready program code utilizing Python and JavaScript (NestJS) to build and maintain robust backend functionalities. | |
| PT Berlian Sistem Informasi | East Jakarta, Indonesia |
| <i>Software Developer Intern</i> | Oct 2024 – Feb 2025 |
| <ul style="list-style-type: none">• Drove business expansion by implementing complex ERP change requests to successfully onboard and support 5 new company divisions.• Achieved a 70% reduction in manual reporting time by designing and implementing automation features within the business application.• Collaborated with the core development team in the full lifecycle of business applications, including building, testing, and maintenance.• Developed and maintained features using JavaScript (React) to enhance application functionality. | |
| PT Algonacci Sobat Nusantara | West Jakarta, Indonesia |
| <i>Data Science Intern</i> | Jul 2024 - Oct 2024 |
| <ul style="list-style-type: none">• Contributed to the development of a state-of-the-art LLM-based chatbot, including prompt engineering and result validation.• Assisted the data science team in the end-to-end data pipeline: collecting, cleaning, and analyzing data from various structured and unstructured sources.• Applied statistical analysis and machine learning techniques to identify predictive patterns and actionable trends in large datasets and kept up-to-date with the latest developments in data science and machine learning. | |

PROJECT EXPERIENCE

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| SkripsiIA – Chatbot Sarana Informasi Skripsi | 2025 |
| <i>Role Data Scientist / Developer</i> | |
| <ul style="list-style-type: none">• Developed a high-performance RAG-based Chatbot (SkripsiIA) for thesis Q&A, achieving an answerable rate of 92% by indexing 5 critical thesis documents.• Technical Stack: Full-stack implementation using Python (FastAPI) for the backend, Next.js for the frontend, integrated with Vector DB and OpenAI API. | |

EDUCATION

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| Politeknik Negeri Jakarta | 2021 - 2025 |
| <i>Bachelor's Degree in Informatics Engineering (Diploma 4), GPA: 3.73</i> | |

CERTIFICATION AND TRAINING

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|------------------------------------------|-------------|
| Associate Data Scientist | 2025 |
| <i>LSP Informatika BNSP</i> | |
| Bangkit Academy 2023 | 2023 |
| <i>Batch 2 - Machine Learning Cohort</i> | |

ORGANIZATION EXPERIENCE

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| Expectik 2023 | 2023 |
| <i>Mentor - Ospek Jurusan</i> | |
| <ul style="list-style-type: none">• Responsible explain to new college students understand the vision and mission of the Informatics and Computer department• Assess the activities and assignments carried out by 20 new students in a group as part of their participation in activities | |

- Coordinated tournament operations and managed communication between teams, ensuring smooth execution of events.

SKILLS

Hard Skills:

- **Data / ML:** Python (Pandas, NumPy, scikit-learn), TensorFlow, Data Visualization, RAG/LLM, Evaluation, Feature Engineering
- **Backend:** Python, FastAPI, RESTful API, SQL (PostgreSQL/MySQL)
- **Frontend:** JavaScript/TypeScript, React.js, Next.js, Tailwind
- **Others:** Microsoft Excel, PowerPoint, Git/Github, LookerStudio

Soft Skills:

- Critical Thinking, Problem Solving, Time Management
- Teamwork, Adaptability, Individual Work