DIMAS ADI SAPUTRA
Data Engineer

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SUMMARY

Results-oriented Data Engineer with 1+ year of internship experience in building automated ETL pipelines and web scrapers. Proven track record in optimizing workflows, including **reducing reporting time by 95%**. Passionate about leveraging data for automation and smarter business decisions.

EXPERIENCE

ALPHA DATA LABS – Remote
Data Engineer Intern (December 2024 – December 2025)

- **Automated social media report generation**, reducing manual processing time from 4 hours to ~10 minutes (95% efficiency gain) using Python & Google Workspace API.
- **Developed and maintained data pipelines** for scraping, relevance classification, and sentiment analysis for high-profile clients (beauty brands, SOEs, ride hailing brand and political campaigns).
- **Built interactive data visualizations** using Pandas, Seaborn, and Matplotlib to provide actionable insights for stakeholders.
- **Contributed to a WhatsApp chatbot** development for government feedback, improving public accessibility to services.

NOLIMIT INDONESIA – Bandung, Indonesia
Data Engineer Intern (June 2023 – November 2023)

- **Developed scraper solutions** for media websites, TikTok, and Google Maps reviews, ensuring high data reliability.
- **Maintained and optimized web scrapers** to improve performance and handle site structure changes.
- **Collaborated with analysts** and engineers to improve business data accessibility and streamline internal workflows.

PROJECTS

Marketplace Comparison Tool - *Final Assignment, Feb – May 2024*

- Built a full-stack product comparison system using BeautifulSoup, FastAPI, PostgreSQL, and React.

TikTok Comments Scraper - *Nolimit Project, Sep 2023*

- Scraped TikTok comments and metadata (user, date, video ID ect.), converted to JSONL, and streamed to Kafka.

EDUCATION

MADIUN STATE POLYTECHNIC (2021 - 2024)

- Associate's Degree in Information Technology - GPA: 3.80

TECHNICAL SKILLS

- **Languages:** Python, SQL, JavaScript/TypeScript
- **Frameworks & Tools:** Pandas, Scrapy, FastAPI, React, Seaborn, Matplotlib, BeautifulSoup
- **Data Infrastructure:** PostgreSQL, MongoDB, Kafka, RabbitMQ, Firebase, REST API
- **Others:** Git, ETL Pipelines, Web Scraping, Data Analysis, OpenAI API

LANGUAGES

- Indonesian (Native)
- English (Basic Working Proficiency)