AGENG AFRIZAL

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Summary

I am Ageng Afrizal, a fresh graduate in Informatics Engineering from Sultan Agung Islamic University with a strong foundation in data engineering and software development. My leadership roles—as Chairman of the Computer Engineering Student Association and Head of Advocacy at PERMIKOMNAS Central Java—demonstrate my ability to lead, collaborate, and drive initiatives. Proficient in Python, SQL, algorithm design, and web technologies, I am particularly interested in designing scalable data pipelines and managing data infrastructure. I am highly motivated to contribute and grow within a professional, data-driven environment.

Education

SULTAN AGUNG ISLAMIC UNIVERSITY
Bachelor's in Informatics Engineering | 2021 – 2025

Organizational Experience

Chairman – HM-TIF UNISSUIA

Unissula, Semarang – 2024
- Led a student organization with 30+ active members
- Managed event planning, logistics, and execution
- Developed strong leadership and multitasking abilities under pressure

Head of Public Relations & Advocacy – PERMIKOMNAS Central Java

Unissula, Semarang – 2023
- Coordinated with Central Java's Communication and Information Office
- Organized regional tech discussions with university representatives

External Relations Staff & Division Head – HM-TIF UNISSULA

Unissula, Semarang – 2022-2023
- Coordinated with Central Java's Communication and Information Office
- Organized regional tech discussions with university representatives

Internship Experience

Data Engineer Intern – *Internship*

CV ASCII | Semarang, Indonesia | November *2024* – March *2025*
- Assisted in the development and optimization of ETL data pipelines for the Garuda website's database system.
- Implemented Python scripts to automate data preprocessing and integration tasks.
- Collaborated with backend developers to ensure data consistency and infrastructure reliability.
- Contributed to performance improvements and smoother data flow for analytics and reporting.

Certificates

IBM SKILLSBUILD FOR AI & CYBERSECURITY

Issued PT Hacktivate Teknologi Indonesia · Jul 2024
- Completed MSIB internship program (Feb–Jun 2024), covering AI, NLP, Computer Vision, Machine Learning, Cybersecurity, and deployment using IBM Watsonx.ai. Final Score: 87/100.

Projects

GARUDA-Inspired Academic Search Website

Personal Project · JavaScript · 2025

- Built a web-based academic reference platform inspired by GARUDA (Garda Rujukan Digital). Implemented key features including automated journal impact factor calculation using JavaScript to support research visibility and evaluation

Skills & INTERESTS

- **Programming Languages**: Python, JavaScript, SQL, Golang
- **Tools & Technologies**: MySQL, PostgreSQL, Linux, Docker
- **Soft Skills**: Leadership, Teamwork, Problem Solving, Multitasking, Attention to Detail
- **Interests**: Data Engineering, Scalable Data Pipelines, Cloud Computing, Web Development, Machine Learning

LANGUAGE

- Indonesian - Native
- English - Proficient