

Kelson Vincien

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Computer Science Student specializing in Data Engineering & Big Data Systems

EDUCATION

Bina Nusantara University

Tangerang, Indonesia

Bachelor of Science in Computer Science | Cumulative GPA: 3.99/4.0

2023 – Present

- Relevant Coursework: Databases, Big Data, Cloud Computing, Data Structures, Algorithms

DATA ENGINEERING SKILLS

- Core Languages: Python, SQL
- Big Data & Processing: Apache Spark, Hadoop, Pandas, Numpy
- Data Orchestration & Warehousing: Apache Airflow, PostgreSQL, MySQL, Data Modeling
- Tools & Cloud: Git, Databricks, Tableau | Familiar With: Docker, AWS (S3, Redshift, EC2)

PROJECTS

End-to-End E-Commerce Data Warehouse (Personal Project)

- Architected a SQL-based ETL pipeline to process 100,000+ rows of raw e-commerce data, transforming it from local CSV files into a structured PostgreSQL data warehouse.
- Implemented a multi-layered data model (Bronze, Silver, Gold) and developed SQL stored procedures to automate all transformation logic, data cleaning, and loading into a final star schema.

Executive Sales & Customer Dashboard (Personal Project)

- Developed a comprehensive, dual-view executive dashboard in Tableau to analyze complex sales and customer data.
- The interactive tool tracks key performance indicators (KPIs) and year-over-year growth, providing actionable insights into product performance and customer behavior.

BSLC Mentoring Platform Data Management (Nindyamaya)

- Designed and managed the MySQL database schema (ERD) for a platform serving 100+ students, focusing on data integrity for activity logging, attendance, and user pairing.

EXPERIENCE

Programming Teacher | Timedoor Academy

September, 2025 – Present

- Taught fundamental programming concepts using Python, Scratch, and Roblox to a diverse age range of students (5-18) in small classes of 4-5.
- Excelled at simplifying complex technical topics and adapting teaching methods to different learning levels and age groups.

Manager of IT Development Division | Binus Student Learning Community

February, 2025 – Present

- Led a team of 10+ developers, overseeing technical architecture, project execution, and system improvements for organizational web platforms.

AWARDS & COMPETITIONS

- **Third Place, WebGIS Competition (MAPID):** For GeoVest, a Geospatial AI solution for Investment Property Decision-Making.
- **Top 10 Grand Finalist, Hackathon BINUS X Microsoft:** For EyeFriend, an AI Prototype for the Visually Impaired.