

VINCENT KARUNIA PRATAMA SIMANJUNTAK

DATA ANALYST & FULLSTACK DEVELOPER

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SUMMARY

Adaptable Information Systems student specializing in Data Analytics and Business Intelligence with a strong technical background in Software Engineering. Proven ability to build end-to-end data solutions, from designing database schemas (SQL) and developing web applications (Laravel), to automating data collection (Python) and visualizing insights (Tableau/Metabase). Dedicated to transforming complex data into actionable business value.

TECHNICAL SKILLS

- **Data Analysis & BI** (Tableau, Power BI, Metabase, Excel)
- **Programming** (Python, PHP, SQL, JavaScript)
- **Web Development** (Laravel, HTML5/CSS3 (Tailwind), Bootstrap)
- **Database Management** (MySQL, PostgreSQL, ERD Design, Data Normalization)
- **Tools & Workflow** (Git/GitHub, VS Code, Google Colab, Postman)

EXPERIENCE

Web Developer | GKI Raya Hankam

2025 - Present

- Developed a comprehensive CRM-based Membership Database System using PHP and MySQL to manage 3000+ congregation data, replacing manual Excel workflows.
- Designed and integrated an interactive Metabase Dashboard to visualize real-time demographic trends, attendance metrics, and weekly growth for the Church Board.
- Implemented secure Role-Based Access Control (RBAC) and optimized database schemas to ensure data integrity and query performance.

Publication & Documentation Staff | UKRIDA E-Sports

2024 - 2025

- Created and designed creative visual designs in the form of Instagram feeds, stories, and reels for events in accordance with the organization's work program.

EDUCATION

Bachelor of Information Systems | Universitas Kristen Krida Wacana (UKRIDA)

2023 - Present

- GPA: 3.89 / 4.00 (5th Semester)
- Relevant Coursework: Database Systems, Data Warehousing, Web Programming, Statistics, System Analysis & Design.

PROJECTS

Data Engineering Project | Google Play Store Sentiment Scraper

2025

- Engineered a Python script using google-play-scraper to automate the extraction of thousands of user reviews, ratings, and timestamps from targeted applications.
- Performed data cleaning and preprocessing (handling missing values, formatting dates) to prepare structured datasets (CSV/Excel) for sentiment analysis.

AI Research Project | MRI Brain Tumor Classification

2025

- Built a Deep Learning model using Python (TensorFlow/Keras) and VGG16 (CNN Architecture) on Google Colab to classify MRI scans (Tumor vs. Non-Tumor).
- Achieved high validation accuracy by implementing data augmentation and transfer learning techniques.
- Demonstrated strong analytical thinking in interpreting model performance metrics (Accuracy, Loss, Confusion Matrix).