

Desi Ika Putri

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ABOUT

Fresh graduate Informatics Engineering from Institut Teknologi PLN (Cum Laude, GPA 3.63/4.00) Experienced in data processing, exploratory data analysis (EDA), SQL querying, and data visualization using Python and Power BI. Also skilled in website and application development, UI design, database design, system flowchart creation, and testing, including manual testing and User Acceptance Testing (UAT). Proven ability to support academic research, system testing, and data-driven reporting. Detail-oriented, well-organized, and capable of effective teamwork and communication.

EDUCATION

PLN Institut of Technology (IT-PLN) Sept 2021 – Sept 2025
Graduate Informatics Engineering. GPA: 3.63/4.00
• Relevant Course : Basis Data & SQL, Machine Learning, Visualisasi Data & Analisis, Big Data.

WORK EXPERIENCE

Research Project DRTPM – KEMENDIKTISAINTEK Part Time
Research Assistant Nov 2025 - Now
• Collected and organized system testing data using Microsoft Excel.
• Performed data checking, grouping, and recap to support system evaluation.
• Conducted manual testing on digitalcareer.id to ensure system functionality and data flow.
• Colaborated with research team during system evaluation and improvement.

Information Retrieval Laboratory – Institut Teknologi PLN Part Time
Laboratory Assistant Jul 2023 – Feb 2025
• Assisted students during practical sessions related to SQL, basic Oracle Database usage, Python, and Kotlin.
• Supported database design activities, including ERD creation and table relationship design.
• Helped students use databases for academic projects and practical assignments.
• Managed laboratory administration, documentation, and structured activity reports.

PT.PLN PUSDIKLAT (Persero) Internship
Web Developer Intern Aug 2024 – Nov 2024
• Created system flowcharts based on internal user requirements, defining application workflows and user roles.
• Designed UI/UX and relational database structure for the PowerPass website.
• Participated in system development, testing, and User Acceptance Testing (UAT).
• Provided basic technical support to internal users during system implementation.

PT. Maribelajar Indonesia Cerdas – Kampus Merdeka Study Independent
Microsoft Web & Mobile Developer Feb 2024 – Jun 2024
• Learned and practiced web and mobile application development, including basic database integration.
• Developed simple data dashboards using Power BI to visualize project data.
• Created basic automation bots for practical tasks.
• Worked in teams and followed structured project workflows.

ACTIVITIES

Speaker T&T Talk #Series4
Faculty of Telematics and Energy May 2025
• Presented research on LSTM-based deep learning models for airline review text summarization.
• Explained text preprocessing, exploratory data analysis (EDA), and model evaluation.
• Visualized model performance using Python (Matplotlib).
• Practiced structured technical communication.

Workshop Secretary – “Mastering Data Cleaning, EDA, and Visualization with Python & Power BI”

Information Retrieval Laboratory

Jan 2025

- Assisted workshop on data processing, data cleaning, and EDA.
- Managed documentation and materials related to Python and Power BI.
- Coordinated with instructors and participants, understanding data quality for analysis and decision-making

CERTIFICATIONS

MikroTik Certified Network Associate	<i>Issued on September 2025</i>
English Language Test	<i>Issued on December 2024</i>
HCIA-Big Data V3.5 Course	<i>Issued on January 2024</i>
Introduction to SQL	<i>Issued on September 2023</i>
Microsoft Office Specialist	<i>Issued on October 2022</i>
BEES	<i>Issued on January 2022</i>

SKILLS & INTERESTS

Skills

- Communication, Attention to Detail, Fast Learner, Teamwork, Analytical Thinking, Problem-Solving, Time Management, Curiosity, Adaptability, And Collaboration
- Programming Language: SQL, Python, HTML, CSS, PHP, Javascript, and Kotlin
- Tools: VSCode, Google Colab, Oracle, Android Studio, PowerBI, Microsoft Office (Excel,Word, Powerpoint), Figma, dan Draw.io

Interests

- Database Management, Web Development, Data Analysis, Data Visualization, System Analysis, Quality Assurance