



# JEDITH ALMANDO ISTIAN

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Malang Regency, East Java

Bachelor of Computer Science graduate specializing in Database from Bina Nusantara University, with one year of hands-on experience as a Data Engineer Intern at PT. Bumi Amarta Teknologi Mandiri. Contributed to large-scale projects at BTPN Syariah, BCA, and Indonesia Eximbank, focusing on data warehouse migration, system integration, and data quality management. Skilled in SQL, AWS, Informatica, and ETL development, with additional experience in data analysis and web application development. Highly motivated, proactive, and eager to continuously learn and deliver scalable, impactful solutions in the field of data engineering.

## Education Level

<b>Universitas Bina Nusantara - Malang, Jawa Timur</b> <i>Bachelor Computer Science, 3.76/4.00</i>	Aug 2021 - Sep 2025
<b>SMA Negeri 1 Malang - Malang, Jawa Timur</b> <i>High School Diploma Science, 83.87/100.00</i>	Jul 2018 - Jun 2021

## Experience

<b>PT. Bumi Amarta Teknologi Mandiri - Jakarta, Indonesia</b> <i>Internship</i>	Feb 2024 - Feb 2025
<ul style="list-style-type: none"><li>• Data Warehouse Migration (Client Project: PT Bank BTPN Syariah)   Mar – Jul 2024<ul style="list-style-type: none"><li>◦ Migrated Stored Procedures from SQL Server to AWS Redshift using AWS SCT &amp; automation scripts.</li><li>◦ Conducted System Integration Testing &amp; User Acceptance Testing ensuring data consistency and accuracy.</li><li>◦ Designed and implemented AWS Step Functions workflows to orchestrate automated pipelines.</li><li>◦ Performed data reconciliation using Redshift &amp; SQL Server to validate data integrity.</li></ul></li><li>• Fund Transfer Pricing (Client Project: Eximbank – ARRA Project)   Agust - Sept 2024<ul style="list-style-type: none"><li>◦ Supported ETL process using SQL Server Integration Services and SQL Server Management Studio.</li><li>◦ Built and maintained ETL jobs for Extract, Transform, Load processes supporting financial reporting.</li><li>◦ Prepared technical documentation to support ongoing data pipeline operations.</li></ul></li><li>• Data Quality new Master Data Management Data (Bank Central Asia)   Sept 2024 - Feb 2025<ul style="list-style-type: none"><li>◦ Validated and cleansed financial data using Informatica Tools to improve data quality and consistency.</li><li>◦ Created data migration jobs from multiple sources into the database using Informatica.</li><li>◦ Converted SQL queries into Informatica mappings for Data Quality validation processes.</li><li>◦ Conducted data reconciliation between Development and Production environments to ensure result consistency.</li><li>◦ Developed reusable mapplets to improve modularity and efficiency of ETL pipelines.</li><li>◦ Performed debugging and error fixes during validation phase and generated activity logs using Stored Procedures.</li><li>◦ Prepared deployment objects (jobs, workflows, mappings) for Production and built workflows for data matching processes.</li></ul></li></ul>	
<b>ICP Asia Jakarta Regional Contest</b> Participant	
<ul style="list-style-type: none"><li>• Participated in the competitive programming competition at the ICPC event</li><li>• Accomplishments Successfully solved 3 problems</li></ul>	
<b>Hackathon organized by School of Computer Science BINUS</b> Participant	
<ul style="list-style-type: none"><li>• We have developed a website based on a Chatbot application with a mental health theme. This website offers an innovative solution for discussing and sharing feelings related to mental health, incorporating a safe space without stigma. Within the website, we have implemented a chatbot as the main feature and included simple psychological tests.</li></ul>	

## Professional Development & Activities

<b>Campaign Volunteer Group Leader by TFI Binus@Malang</b> Participant	Jan 2023
<ul style="list-style-type: none"><li>• provide education for Indonesian students about the negative impacts of drug use, types of drugs, ways to prevent it and explanation of the laws and regulations in force in Indonesia regarding narcotics abuse. This activity was carried out at SMPK Kosayu 1 Malang</li></ul>	

**Participant**

- In this activity, I learned how to manage data through various data management methods, process and visualize the processed data, and present the findings. The skills acquired during this activity contribute to a comprehensive understanding of data handling within the context of the Fullstack Intensive Bootcamp

**School Administration Web Application**

Mar 2025 - Aug 2025

**Undergraduate Thesis**

- Designed and implemented a web-based school administration system at SMPTK Budi Mulia Gresik using Laravel, Bootstrap, and MySQL with the Database System Development Life Cycle approach.

**Skills & Certificate**

- **Programming:** SQL, Python, SQL, C, PostgreSQL, PHP
- **Data Tools:** AWS , SSIS, SSMS, Informatica, Talend, Pentaho, GCP
- **Web Development:** Bootstrap, Laravel, MySQL
- **Soft Skills:** Critical Thinking, Problem Solving, Adaptability, Teamwork, Initiative, Leadership
- **Certificate**  (2023): R Fundamental for Data Science - DQLab
- **Certificate**  (2023): Intro to Machine Learning - Kaggle
- **Certificate**  (2023): Web Pentest & Bug Bounty Hunting - Jadi Hacker
- **Certificate**  (2023): SQL (Intermediate) - HackerRank
- **Certificate**  (2023): Introduction to cloud - Congnitive Class