

Experienced in Data Engineer and Data Analyst, I excel in both collaborative teams and independent problem-solving. My strong communication and leadership skills, honed through hands-on experience, make me an effective asset. Specializing in Data, I'm committed to contributing to company success while advancing my career. Proficient in data optimization, cleaning, feature engineering, and visualization, I ensure data accessibility for informed decision-making. As a Computer Science graduate, I bring a solid educational foundation to complement my practical skills. Eager to leverage my experience and education to drive impactful outcomes and enhance your data team.

Work Experience

Data Engineer Freelancer

Windata

July 2023–Now

Jakarta, Indonesia

- Armed with RapidAPI, I became a data detective. Imagine crafting queries to fetch real-time data, maneuvering around rate limits, and uncovering trends and sentiments. Each API call felt like solving a puzzle, revealing stories hidden in the data.
- Utilized Python and Torch to optimize data processing and improve query performance, reducing processing time.
- My meticulous data cleaning skills included error rectification and noise reduction, resulting in pristine datasets
- Expertly engineered features, encoded data, and scaled variables for optimized data readiness.
- I harnessed Streamlit to craft interactive, user-friendly data visualizations and dashboards.
- Worked to optimize SQL queries and improve database performance.
- Beyond the technical aspect, I have focused on enhancing user experiences by making data accessible and insightful, ultimately empowering decision-makers to drive impactful outcomes.

Data Analyst Freelancer

Dec 2022–June 2023

- Proficiently managed and analyzed data encompassing sentiment analysis, with a particular focus on prevailing topics in Indonesia. Employed advanced techniques to classify sentiments into negative, neutral, and positive categories.
- Visualized and disseminated findings effectively on [[@remajajompoid](#) • [Instagram](#)]

Organization Experience

Department of Student

IMILKOM USU

Sep 2021–June 2023

- Successfully orchestrated member skill development initiatives, fostering professional growth and enhancing team capabilities within Imilkom.
- Diligently planned and executed member gatherings, facilitating engagement and camaraderie among Imilkom members.
- Led the organization's committee's closing meeting, ensuring the efficient wrap-up of key activities and projects.
- Spearheaded the planning and execution of a program study's birthday celebration, celebrating academic milestones.
- Directed the seamless management of new student admissions, overseeing the onboarding process and enhancing the organization's growth and diversity.

Laboratory Teaching Assistant

IKLC USU

Aug 2020–June 2023

- Provided comprehensive instruction to students, fostering their academic growth and knowledge acquisition.
- Collaborated closely with fellow educators to enhance teaching materials, ensuring relevance and effectiveness in the learning process.
- Conducted thorough evaluations of teaching methodologies and materials, continuously improving the quality of education delivered.

Head Of Management

Sep 2021–June 2022

- Supervised and mentored a team of laboratory assistants and teachers, ensuring the efficient operation of the laboratory and fostering a conducive learning environment.
- Managed and coordinated practicum activities throughout the college semester, facilitating practical learning experiences for students.
- Established effective communication channels with all stakeholders within the Study Program to ensure the smooth execution of practicum activities.
- Acted as a laboratory teacher for specific subjects, delivering high-quality education and guidance to students.

- Led the recruitment and selection process for new laboratory assistants, contributing to the growth and enhancement of the laboratory team.

Committee Experience

34th National Scientific Week	Oct 2021–Dec 2021
10th Anniversary of the Faculty of Computer Science and Information Technology	Nov 2021–Dec 2021
18th Computer Science Anniversary	Aug 2019–Sep 2019

Education and Certifications

• B.CompSc. Computer Science , North Sumatera University, Indonesia (Cumlaude, 3.73/4.00)	Aug 2019–June 2023
• Data Analyst Study Independent , MyEduSolve, Indonesia (4.00/4.00)	Aug 2022–Dec 2022
• Data Analytics Certification , Certiport	2022
• Database Certification , Certiport	2022
• Microsoft Excel 2019 Expert , Microsoft	2022
• Microsoft Excel 2019 Associate , Microsoft	2022

Technologies and Languages

- Languages: Python, SQL, Pascal, C, C#, C++, Java
- Technologies: MySQL, PowerBI, Jupyter Notebook, Dbeaver, Streamlit, PostgreSQL, Spreadsheet, Microsoft Excel
- Other: Data structures and algorithms

Projects & Achievements

- **Sail Sabang State Defense Ambassador 2017**, Ministry of Maritime Affairs of the Republic of Indonesia
 - Engaging in a one-month service under the Ministry of Defense and Maritime Affairs of the Republic of Indonesia. Performing national defense duties and providing education in various regions of Sumatra (Medan, Aceh, Bengkulu, Padang) and Batam.
- **Sentiment Analysis of Halodoc App Reviews Based on Aspect Service Quality Using Bert**, Thesis of Bachelor
 - Performing sentiment analysis on reviews within the Halodoc application using BERT (Bidirectional Encoder Representations from Transformers). The analysis results in three categories: positive, neutral, and negative sentiments. The results are displayed both visually and in text form.
- **Big Five Personalities with K-Mean Clustering**, MyEduSolve Study Independent
 - Performing clustering using the K-means algorithm with a focus on the Big Five personalities. You can view the results through the following link [\[Big 5 Personalities\]](#)
- **Youtube Scraping with Streamlit**
 - Proficient in utilizing Streamlit for YouTube data scraping, I have successfully developed applications that display scraped data on websites. These projects showcase my practical expertise in web scraping and data visualization, and they can be demonstrated as part of my professional [portfolio](#).