Jusas Fransius Kristo Tampubolon

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My name is Jusas Tampubolon. Bachelor's student in Information Systems, interested in programming, data analysis, web development, machine learning and with foundational knowledge in artificial intelligence. Detail-oriented and an effective communicator, with a passion for continuous learning.

Education

• **Del Institute of Technology -** Sitoluama, Indonesia	Sept 2021 – Sept 2025
Undergraduate Degree in Information Systems, 3.10 GPA	
• **SMAN 3 Tarutung –** Tarutung, Indonesia	July 2019 – June 2021
High School Diploma	

Project & Research

Institut Teknologi Del – Toba, Indonesia

• **IT DEL Canteen Website**	Sept 2023 – Oct 2023
Designed and developed a responsive website using HTML and CSS, improving menu accessibility and adding an interactive order rating system.	
• **Website Project – GKII Balige**	Jan 2024 – Dec 2024
Developed and deployed a church website using JavaScript, HTLM, and CSS to improve event communication and community engagement.	
• **Thesis : Experimental Comparison: Detecting Ransomware using Bi-LSTM and FNN Algorithm**	Sept 2024 – July 2025
Conducted research comparing Bi-LSTM and FNN algorithms for ransomware detection using Python and TensorFlow, aiming to optimize accuracy and efficiency.	

Organisational Experience

Himpunan Mahasiswa Sistem Informasi (HIMSI) – Sitoluama, Indonesia	Aug 2022 – Aug 2024

Member Of Education Division

- **Sharing Knowledge**: Organized a sharing event with alumni-to-student interactions.
- **Choosing Teaching Assistant**: Arranged excellent students to teach the junior students.
- **Best Students Awards:** Giving a form of appreciation for students with exceptional performance.

Work Experience

• **Internship at PT Bara Blasting Perkasa and PT Barokah Maju Sejahtera** – Jakarta, Indonesia	June 2024 – Aug 2024
I'm a data analyst and web developer intern, I learn about data analytics and built interactive Tableau dashboards to visualize mining data, I also make a company profile website using PHP & Laravel.	

Achievements & Certifications

• **Best Debater** – Del Debate Championship	Mach 2024
• **Participant – National University Debate Championship** *(Provincial Preliminary Stage)*	April 2024
• **ITP TOEFL – Score** 620	June 2025
• **Big Data Analysis Specialty Certifications -** Alibaba Cloud Academy	April 2025

Additional

- **Technical Skills** : C, Java, SQL, PHP, MariaDB, HTML, CSS, Python
- **Soft Skills** : Problem Solving, Team Collaboration, Working Under Pressure, Time Management, Communication, Critical Thinking.
- **Language** : Indonesian (Native Speaker), English (Fluent/Professional).
- **Tools :** Visual Studio Code, Github, Figma, Microsoft Office, Jupyter Notebook, Kaggle, Google Colab