Stephan Vierrelie

COMPUTER SCIENCE UNDERGRADUATE | DATA ENTHUSIAST

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Profile

A Computer Science student with a concentration in Database Design, skilled in Python, SQL, and Web Development. Experienced in both academic and personal projects, active in student organizations and volunteer activities. Committed to creating impactful digital products through a combination of technical expertise and user-focused design.

Education

Binus University   (2023 – Present)
Bachelor of Computer Science – Database Design
GPA : 3.23 / 4.00

Project Experience

FactGazer – Fake News Detection Website
- AI-powered website for detecting fake news.
- Featured search bar (Figma prototype).
- Technology: AI/NLP, Web Development (React, HTML/CSS/JS).

Database Technology Project
- Database design and normalization.
- ERD creation & query implementation.

Research Project (Conference Paper, 2025)
- Focus on AI, NLP, and research methodology.
- Involved in debugging, poster presentations, slides, and videos.

CheckYuk! – Health Chatbot
- The chatbot is designed to help users check basic health conditions.
- Applies Natural Language Processing (NLP) for user interaction.
- Technology: Python, AI Chatbot Development, Web Integration.

Organization Experience

Internal Relation & Sport Division – KMBD
- Managed activities under Gathering, Sport, and Family divisions to strengthen member engagement.
- Acted as PIC in several internal events, fostering teamwork and organizational collaboration.

Committee – PMB x Welcoming Party 2024
- Coordinated event planning and execution for new student orientation, welcoming party and expo.
- Ensured smooth event flow and active participation through structured teamwork.

Volunteer – Vihara Events (Waisak Puja, Kathina, etc.)
- Served as protocol and event staff, supporting large-scale religious and cultural ceremonies.
- Assisted in organizing logistics and ensuring ceremonial activities ran smoothly.

Theater Performance – Waisak Puja Event
- Performed in a cultural theater production with 300+ audiences.
- Showcased creativity, collaboration, and strong public presentation skills.

Skills

Hard Skills : C Programming, C# Programming, Java Programming, ASP.NET Core, HTML, CSS, JavaScript, SQL, Python Programming, Git, Figma, Unity, Microsoft Office Software, UI/UX Design

Soft Skills : Problem-Solving, Critical Thinking, Communication, Public Speaking, Team Collaboration, Leadership, Adaptability, Continuous Learning, Time Management, Organizational Skills