

STEVEN JONATAN

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I am a 7th-semester Computer Science student with experience in Artificial Intelligence, Data Analysis, and Machine Learning. I have worked on projects such as AI-Based Water Quality Monitoring and a Library Database System, demonstrating my ability to develop AI-driven solutions and manage databases effectively. I am now looking for jobs as an **AI Specialist, Data Analyst, or Data Scientist**. I work best in fast-paced settings where I can use my analytical abilities, add insights based on data, and keep learning and developing in my industry.

WORK EXPERIENCE

Abe Studio

Juni 2023 - Agustus 2023

Event Organizer

- **Collaboration & Teamwork:** Worked with the organizing committee to design the event flow.
- **Event Planning & Coordination:** Managed logistics, audiovisual setup, and other essential resources.
- **Reporting & Documentation:** Compiled event reports through documentation and recordings.

ORGANIZATION EXPERIENCE

Himpunan Mahasiswa Teknik Informatika BINUS University

February 2025 - Present

Vice Manager of HIMTI Band 2025/2026

- **Leadership & Team Management:** Supervise the HIMTI Band division, ensuring smooth coordination and performance execution.
- **Event Performance & Planning:** Managed band performances for internal HIMTI events such as TECHNO, HIMTI Anniversary, and others.
- **Resource & Talent Management:** Assigned members to bands based on their instrument specialization to ensure balanced group formations.

Unit Kegiatan Mahasiswa Band BINUS University

September 2024 - September 2026

Coordinator of Publication & Documentation Division – Audition Event 2024

- **Team Recruitment & Management:** Recruited and assigned roles to team members based on their skills.
- **Task & Location Coordination:** Planned and mapped documentation positions for efficient event coverage.
- **Social Media & Event Coverage:** Designed story templates and recorded content for event documentation.
- **Report & Documentation Management:** Submitted documentation reports to relevant stakeholders.

PROJECTS

- **AI-Based Water Quality Monitoring: Improving Management Efficiency and Sustainability through Innovative Approaches (Python)**
Developed an AI-powered water quality monitoring system for real-time pollutant detection and predictive analysis, enhancing resource management efficiency and supporting SDG 6 (Clean Water and Sanitation) through early warnings and actionable insights.
- **Library Management System Database (MySQL)**
Creating the architecture of a DBMS from storage to memory levels, designing a database schema for the library system, implementing storage management strategies, optimizing memory usage and query performance, and incorporating advanced features like indexing, transactions, and security
- **Warehouse Capacity Analysis: Monthly Bag Production Data**
Developed an analysis of a warehouse capacity using polynomial regression and Taylor series expansion. Modeled monthly production trends to predict future storage needs, identify critical capacity limits, and determine optimal warehouse expansion timing. Implemented predictive modeling to estimate when production would surpass 25,000 units, recommending a 13-month lead time for warehouse construction.

EDUCATION

BINUS University

School of Computer Science, Computer Science Global Class | September 2023 - Present

- GPA : 3.76 out of 4.00

SKILLS

Soft Skills

1. Coordination
2. Problem-Solving
3. Adaptation
4. Time-Management
5. Attention to Detail

Languages: Indonesian, Intermediate English

Tools: C, Python, SQL, Java

Technical Skills

1. Data Analysis (Python & MySQL)
2. Machine Learning (Python)
3. Artificial Intelligence (Python)