

Daniel Dirgantara

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PROFILE

A motivated Computer Science student at BINUS University specializing in database management and data engineering. Seeking an internship opportunity to solve real-world problems.

EDUCATION

BINUS University August 2023 – 2027 (expected)
School of Computer Science

SKILLS

- Machine Learning : Jupyter Notebook, Scikit-learn, Flask.
- Programming Languages : C, Python, Java.
- Web Development : NextJS, React, Laravel, ExpressJS.
- Database: MySQL, Firebase, SQL Server Management Studio.
- Tools & Platforms: Git, GitHub, Vercel, Docker, DigitalOcean.

EXPERIENCE

Database Administrator (Associate Member 2025-2026) February 2025 – Present
Bina Nusantara IT Division, Jakarta

- Conduct audits and streamline user accounts to ensure compliance with company policies.
- Identify and manage accounts that do not comply with company standards.
- Coordinate with relevant users in the process of account migration and standardization.
- Performed routine database restoration drills every two months to ensure data integrity and disaster recovery readiness.

IT Development December 2024 – Present
Binus Student Learning Community, Jakarta

- Developed key API endpoints for the Nindymaya backend to fetch role-specific homepage data, session details, and mentee lists.
- Developed the main landing page on the BSLC website's frontend using NextJS, improving user interaction.

ORGANIZATION EXPERIENCE

Study2Challenge (Technology Division) May 2025 - Present

Binus Student Learning Community, Jakarta

- Developed components for the backend of the Study2Challenge web platform as part of the technology division.

Innovathon

May 2025 - August 2025

Binus Student Learning Community, Jakarta

- Developed the backend service from the ground up using Node.js and Express, creating a REST API to power a dynamic document generation tool.
- Engineered the core logic using ExcelJS to parse complex Excel templates and generate new reports, ensuring all original cell styling, fonts, colors, and merged cells were perfectly preserved.

LICENCES & CERTIFICATIONS

- **The 10th International Conference on Computer Science and Computational Intelligence 2025** – BINUS University (August 2025)
- **Data Science & Analytics** – HP Life (December 2024)
- **Prompt Design in Vertex AI Skill Badge** – Google (December 2024)
- **SQL (Basic) Certificate** – HackerRank (October 2024)
- **SQL (Intermediate) Certificate** – HackerRank (October 2024)
- **Java (Basic) Certificate** – HackerRank (September 2024)
- **CSS (Basic) Certificate** – HackerRank (September 2024)
- **Fundamentals of Deep Learning** – NVIDIA (August 2024)
- **Python (Basic) Certificate** – HackerRank (August 2024)

PROJECTS

- **Alzheimer Prediction** – Data Analytics Project Oct 2025
Description : Trained and evaluated a Random-Forest Classifier using Scikit-learn to predict Alzheimer's with 93.95% accuracy, 93.97% precision, and 93.95% recall.
Tech Stack : Jupyter Notebook, Flask, Scikit-learn, Random-Forest Classifier, HuggingFace, Docker.
Link : <https://salehxgr-alzheimer-prediction.hf.space/>
- **Aurevo** – Database Design Project Aug 2025
Description : Designed and implemented a hotel management system, deployed on DigitalOcean.
Tech Stack : Laravel, MySQL, DigitalOcean.
Link : <http://167.99.70.63/>
- **Study2Challenge's Website** – BSLC Project May 2025
Tech Stack : ExpressJS, MongoDB.
Link : <https://www.study2challenge.bslc.or.id/>