

Nathanael Gilberth

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EDUCATION

- **Bina Nusantara University** Jakarta, Indonesia
 - *Undergraduate Student; GPA: 3.92* *July 2023 - now*
 - *Courses: Software Engineering, Agile Software Development, Pattern Software Design, Data Structures, Object Oriented Analysis, Artificial Intelligence, Algorithm and Programming*

SKILLS SUMMARY

- **Languages:** Go, C, Java, MySQL, ASP.NET, Python, Javascript
- **Frameworks:** NodeJS, Flask
- **Tools:** Docker, Portainer, Git, Fedora GNU/Linux
- **Soft Skills:** Time Management, Leadership

EXPERIENCE

- **CornAI Developer Team Member** *Sep 2025 - now*
 - *System Analyst*
 - **Designing application architecture:** Designed end-to-end application architecture, created system blueprints, and developed data models (ERD) aligned with business requirements to ensure scalable and maintainable solutions.

PROJECTS

- **Rumah Kepiting with IoT:** IoT-enabled crab aquaculture system that monitors temperature, salinity, and dissolved oxygen supporting smart aquaculture management. Tech: ESP8266, IoT Sensors, Python (January '24) [*Github Link*](#)
- **Program Design Method COMP6840004 Final Project:** Led a team in the development of a website aimed at connecting users with nearby automotive mechanics. (December '23) [*Github Link*](#)
- **Jawels Diamond COMP6114001 Pattern Software Design:** Developed a jewelry store management system applying software design patterns to ensure scalability, clean architecture. Implemented using ASP.NET. (July '25) [*Github Link*](#)

CERTIFICATIONS

- Responsive Web Design Certification at Freecodecamp - July, 2020
- Javascript Course at Sololearn - August, 2021
- Fundamental Of Web Development at Dicoding - August, 2021
- Basic of Git at Dicoding - August, 2021

VOLUNTEER EXPERIENCE

- **Volunteer — Durian Tree Planting:** Participated in a community-driven durian tree planting program aimed at supporting environmental sustainability and improving the local economy through long-term agricultural growth.
- **Volunteer — Welfare Project Character Building Agama:** Created a short video project with my team in Malang to promote interfaith tolerance and mutual respect.