



# GERARD VITO J. BELARDO



**COLLEGE STUDENT | BS CS-ST ID 122**  
**SOFTWARE DEVELOPER**

I am a Computer Science student at De La Salle University, specializing in Software Technology. A passionate and dedicated aspiring software developer committed to continuous learning, productivity, and making meaningful progress in the industry.

## PROJECTS

### SokoBot - Puzzle Solver

Course: CSINTSY

Technologies: A\* Search Algorithm, Java

- Developed a Sokoban puzzle solver implemented using the A\* algorithm and wrote an analysis paper regarding the performance of the algorithm

### ChatBot - Family Tree

Course: CSINTSY

Technologies: Python, Prolog

- Developed a chatbot that infers family relationships based on a knowledge base, done with extensive testing, and documentation, then compiled a research paper detailing its development and findings.

### Milk Quality Research

Course: CSINTSY

Technologies: Decision Tree, Random Forest, Python, Jupyter Notebook

- Conducted a study on milk quality classification using Decision Tree and Random Forest machine learning models to classify milk quality grades based on features like pH, temperature, taste, and more. Achieving high accuracy through model optimization and cross-validation.

### Fruit and Shake Vending Machine App

Course: CCPROG3

Technologies: Java, JavaSwing

- Developed a vending machine simulator for fruits and shakes with maintenance options, change management, item restocking, and enhanced UI with animations and sound effects.

### Anime Forum Website - Fanime

Course: CCAPDEV

Technologies: HTML, CSS, JavaScript, jQuery, Mongoose, MongoDB Atlas

- Developed and launched an anime forum with extensive features including user accounts, commenting, replying, account and post-editing capabilities, a post search function, image support, and post-filtering options.

### React Web Portfolio

Personal Project

Technologies: HTML, CSS, React, Vite, JavaScript, Swiper

- I built a dynamic React portfolio website to explore new technologies outside my academic studies and practice my front-end development skills. I continually enhance the site as I develop my skills and continue learning.

### Culinary Class/Training Management Database Application

Course: CCINFOM

Technologies: SQL, Java, HTML, CSS

- Developed and maintained a database application for managing culinary training programs, including backend SQL for core data and CRUD functionality, a portion of front-end features for user interaction, and queries for features like quarterly trainee clearance reports.

### Ruby Payroll System Application

Course: CSADPRG

Technologies: Ruby

- Programmed a payroll system for calculating work hours and salaries, supporting dynamic updates and detailed reports.

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📍 Iba, Silang, Cavite, Philippines

🌐 <https://github.com/Shioxri>

🌐 <https://www.linkedin.com/in/gerard-vito-belardo-601865311/>

🌐 <https://gvb-portfolio.vercel.app>

## EDUCATION

### De La Salle University

BS Computer Science Major in

Software Technology

Sept. 2022 - Current

Consistent Dean's Lister

3.5 CGPA

DOST MERIT Scholar

### Cavite Institute

Pre-School to Senior High School

June 2007 - July 2022

STEM Strand

Consistent High Honors

Graduated With High Honors

Best Researcher Award

## TECHNOLOGICAL PROFICIENCIES

- |              |              |
|--------------|--------------|
| • C          | • HTML       |
| • Java       | • CSS        |
| • Python     | • JavaScript |
| • Ruby       | • jQuery     |
| • Kotlin     | • Ajax       |
| • SQL        | • Node.js    |
| • MongoDB    | • Mongoose   |
| • Git/GitHub | • React      |

## SKILLS

- 👉 Quick Learner
- 👉 Analytical Thinker
- 👉 Persistent and Resilient
- 👉 Careful Planner
- 👉 Receptive to Feedback
- 👉 Open-Minded
- 👉 Team Player
- 👉 Adaptable
- 👉 Humble & Keen to Learn
- 👉 Creative
- 👉 Proficient in Both English and Tagalog
- 👉 Proficient in video editing software (DaVinci Resolve)