

# TRISTAN D. ANYAYAHAN

ENTRY-LEVEL SOFTWARE & DATA SPECIALIST | FRONTEND • BACKEND • ANALYTIC

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## SUMMARY

Motivated and detail-oriented professional with a strong foundation in software development, data management, problem-solving, and collaborative teamwork. Eager to contribute technical expertise and innovative solutions to drive success in a dynamic organization.

## TECHNICAL SKILLS

- |              |          |           |            |
|--------------|----------|-----------|------------|
| • HTML       | • React  | • Node.js | • Firebase |
| • CSS        | • Ionic  | • Go      | • Excel    |
| • JavaScript | • C++    | • PHP     |            |
| • Bootstrap  | • Python | • SQL     |            |
| • Angular    | • Java   | • MongoDB |            |

## PROJECTS

### Sustaibite: Reduction Food Waste and Enhancing Food Security 2022 - 2023

Description: Collaborated in developing a cross-platform mobile application to redistribute surplus food from various sources to local communities, enhancing food security and minimizing waste  
Technology Stack: React, Ionic, Firebase (Authentication, Firestore, Storage)

### Building Inventory Management System for Batangas State University - The NEU 2023 - 2024

Description: Collaborated in developing a MERN stack-based platform to efficiently manage and monitor the university's building inventory, optimizing resource utilization, maintenance, energy efficiency, and informed decision-making  
Technology Stack: MongoDB, Express.js, React.js, Node.js

## EDUCATION

### Bachelor of Science in Computer Science 2021 - 2025

Batangas State University - The National Engineering University  
With a GWA of 1.58 or 94%  
Thesis: Enhanced Compression Time Efficiency of Brain MRI Fractal Image Compression Using CNN-Guided and KD-Tree Optimized Encoding

## CERTIFICATIONS

- Certified Research Data Analyst (CRDA™)
- Google Cloud Computing Foundations
- Open-source Intelligence
- Cybersecurity Fundamentals

## ADDITIONAL INFORMATION

- **GitHub:** [github.com/tristanyayahan](https://github.com/tristanyayahan)
- **LinkedIn:** [linkedin.com/in/tristanyayahan/](https://www.linkedin.com/in/tristanyayahan/)
- **Portfolio:** [tristanyayahan.github.io/](https://tristanyayahan.github.io/)