

# Gian Laolao

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## SUMMARY

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Graduating Computer Science student, DOST scholar, and consistent Dean's Lister specializing in Full-Stack development. Actively learning AI/ML, has a strong interest in exploring Blockchain and Web3 technologies, and is passionate about learning.

## EDUCATION

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### De La Salle University - Manila

B.S. in Computer Science Major in Software Technology  
CGPA: 3.59/4.00

Manila, PH  
Sep 2022 – Present

### Don Bosco Technical Institute - Makati

STEM Strand  
With Honors

Makati, PH  
Aug 2020 – Jun 2022

## PROJECTS

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### Student Enrollment App

Distributed Programming Project

NextJS, React, gRPC, TailwindCSS, MongoDB

- Built a student enrollment app with 6 Microservice architecture with gRPC.
- Designed and developed Frontend functionality and routing.
- Developed user authentication using JWT and API for calling gRPC functions.

### English to Filipino Machine Translator for Semi-Controlling Domains (Ongoing Thesis)

Machine Translator Project

Python, Hugging Face, Jupyter

- Ensured quality of the translation in the English-Filipino dataset.
- Created backtranslated data using Gemini API for additional data.
- Finetuned mBART model for English-Filipino translations; improved translation performance by 40% compared to base model.

### Anime Tracker App

Fullstack Development Project

NextJS, React, TailwindCSS, Typescript

- Built a full-stack anime tracking app using an open-source API and deployed to production using Vercel.
- Designed and developed the home page, anime information page, and search functionality.

### Patients Profile Tracker

Software Engineering Project

MongoDB, Express JS, React, NodeJS

- Dashboard for efficient viewing and adding patients' records for easier navigation.
- Designed and Implemented Frontend for Home Page, Patient Registration, and Record editing.
- Created 5+ Unit Tests per feature for backend functions using Jest.

## SKILLS

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**Programming Languages:** Javascript, Typescript, Python, Java, HTML, CSS, C/C++

**Database:** MongoDB, SQL, Firebase

**Libraries and Frameworks:** NextJS, ReactJS, TailwindCSS, DaisyUI, Zustand

**Tools:** Git, Github, Jest, VS Code