

# Xander D. Alfaro

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## Summary

I am a current student at the Polytechnic University of the Philippines, pursuing a Diploma in Computer Engineering Technology. As a future engineer, I excel at understanding mathematics and programming. I specialize in backend development and database management. I am seeking internship opportunities to further develop my skills in a professional setting and contribute to innovative projects. I am enthusiastic about leveraging my technical knowledge to solve complex problems and to collaborate effectively within a team.

## Skills

- Python: Basics on Data Analytics
- Java: Apache NETBEANS, GUI, JSP, JSTL, Servlets, JDBC, Java EE, Controller, Object Oriented Programming and Data Structure and Algorithm
- SQL: MySQL
- R: Basics of R Programming, Data Visualization, Data Manipulation
- Javascript
- CSS/HTML
- Communication Skills
- Problem Solving/Mathematics

## Experiences

### Web Development 1

#### Frontend Developer

HTML | CSS | Javascript | VsCode

- Developed a personal website/portfolio during my first year at the Institute of Technology. Customized a template to create a unique design and layout, showcasing my technical skills and personal interests.
- [Portfolio](#)

### Web Development 2

#### Backend Developer

JSP | JDBC | JSTL | Servlets | Controller | MySQL | Javascript | Netbeans | ApacheTomcat

- Collaborated with a team of five to create an e-commerce website for selling clothes, where we collectively managed it as administrators.
- My responsibilities include developing the backend, such as setting up controllers, connecting the website to our MySQL database, implementing Servlets, and validating using JavaScript.
- This project significantly improves my communication skills and my ability to work effectively in teams.
- [Web Development 2](#)

### Database Project

#### Fullstack Developer

JSP | Javascript | CSS | Bootstrap | Netbeans | ApacheTomcat / MySQL

- Developed a database project that prompts users for sign-in information and stores the data in the database.
- The user's data information can be updated, with the exception of the username, which remains unchanged.
- [Database Project](#)

### Personal Website

#### Frontend Developer

JSP | Javascript | CSS | Bootstrap | Netbeans | ApacheTomcat

- Created a website that contains information for my internship application.
- [Personal Website](#)

### Computer System Servicing NCII

#### NCII Holder

Install and Configure Computer Systems | Setup Networks | Setup Servers | Maintain and Repair Systems and Networks

- Acquired comprehensive knowledge of computer hardware and system architecture.
- Successfully passed the TESDA National Assessment for Computer Systems Servicing NC II.
- Developed a solid understanding of networking, particularly peer-to-peer networks.

## Education

**Polytechnic University of the Philippines – Institute of Technology**  
Diploma in Computer Engineering Technology

**October 2022 – Present**