

# Matthew Gallardo

Quezon City, Philippines

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## Summary

Passionate Computer Science Student @Polytechnic University of the Philippines, Sta. Mesa Manila with a strong academic record and technical skills in web development and database management. I am motivated, detail-oriented, and continually seek to expand my knowledge and skills in the field of technology.

## Education

### POLYTECHNIC UNIVERSITY OF THE PHILIPPINES

Sta. Mesa, Manila

BS Computer Science

August 2020- Current

- Consistent President/Dean Lister
- CHED and Quezon City Scholar

## Technical Skills

### Areas:

Web Development, Database Management

### Programming Languages:

Java, JavaScript, Python, C

### Libraries/Frameworks:

React.js, Express.js, Node.js, Git, HTML5, CSS3

### Database:

MySQL, MongoDB

### Tools:

Postman, VsCode, Android Studio

## Projects

### Cast Type

Github

MERN E-Commerce Website for Mechanical Keyboards

- Developed an application using **React** for frontend, **Express** (built on top of Node.js) for backend, and **MongoDB** for the database.
- Implemented **Redux** for state management and **React Styled Components** for UI design.
- Created **REST APIs** using **Express** to facilitate communication between the frontend and backend.
- Utilized **Postman** for API testing, enabling efficient addition, updating, and deletion of data.
- Integrated the **Stripe API** (sandbox) for credit card transactions and payment processing.

### CompSci Freedom Wall

Github

MERN Freedom Wall Website for CS Students

- Developed an application using **React** for the frontend, **Node.js** for the backend, and **MongoDB** for the database.
- Implemented a **REST API** using the **Express** framework in **Node.js** to interact with the **MongoDB** database.
- Utilized React Hooks and Context API for efficient state management in the frontend.

### EasyPC DB Inventory System

Github

Java Inventory and Point of Sales System

- Developed an EasyPC-Inspired Database Inventory and PoS System using Java.
- Implemented a graphical user interface (GUI) using **Java Swing**.
- Integrated **MySQL** as the backend database for efficient data storage and retrieval.
- Designed the system to handle inventory tracking, product management, and sales processing.