

# Jefferson Cruz

## Full Stack Web Engineer

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[caaandyc00oated.github.io/my-portfolio](https://caaandyc00oated.github.io/my-portfolio)

### Work Experience

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#### Computer Programmer II

February 2023 - Present

#### Maritime Industry Authority (MARINA)

Port Area, Manila City

- Developed an inventory management system for the General Service Division enhancing and modernizing the old paper-based document record system by implementing a more efficient, precise and reliable for all necessary transactions within the organization.
- Created a ticketing system for the Information and Communication Technology Management Division that aimed to revamping and resolving existing issues concerning IT-related assistance of MARINA employees.
- Recreated, redesigned and restructured the Overseas Shipping Service Information Management System to be able to fully utilized by the office of Overseas Shipping Service of MARINA. This overhaul enhanced the efficiency of processes related to company and vessel registration, certification, document approval and document release.
- Developed a mobile-responsive assets maintenance tracker system for the Information and Communication Technology Management Division that manages records of maintenance for IT-related technologies such as computers, laptops, printers and more.
- Created an online web-based document request system for the Human Resources Management and Development Division that facilitates the document requests not only for the division but also efficiently serve the employees of MARINA.
- Maintained the Human Resources Information Management System for the Human Resources Management and Development Division of MARINA which involves identifying and resolving any existing bugs or technical issues within the system to ensure the continuous operation of Human Resources Management and Development Division.

#### Full Stack Developer

February 2022 - April 2023

#### Avinnovz Technologies Inc.

Katipunan, Quezon City

- Lead in both frontend and backend development of the Case Management System for the Department of Environment and Natural Resources (DENR) Main Office. My primarily contributions are implementing the UI/UX designs, developing the content management module of the cases and revamping the procedures for case appointments.
- Contributed to the backend development of the Timekeeping Management System for the Senate of the Philippines. Designed and implemented APIs to integrate the data captured from the organization's facial recognition machines into the system.
- Helped in the recreation of the Real Property Tax Administration and Collection System for the Municipal of San Mateo, Rizal. Focused on the development of the collection section, particularly on tax computations, streamlining payment processes, printing of receipts and producing required reports.

**Web Developer (College Internship)**  
**Avinnovz Technologies Inc.**

July 2021 – January 2022  
Katipunan, Quezon City

- Helped in both frontend and backend development of Integrated Compliance, Inspection, Monitoring and Enforcement System for the Department of Environment and Natural Resources (DENR) Central Luzon Office. Developed the modules of establishments' compliance as well as the corresponding reports.
- Contributed to the backend development of Solid Waste Management System – Geographical Information System for the Department of Environment and Natural Resources (DENR) Central Luzon Office. Helped in developing the content management modules of solid wastes and implemented the APIs to integrate the data submitted from the system to ArcGIS.

**Computer Programmer I (College Internship)**  
**Philippine National Police Headquarters**

February 2017 – May 2017  
Camp Crame, Quezon City

- Helped in both frontend and backend development of Firearms Renewal System at Information Technology Management Service.

## Skills

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### Languages

- PHP CodeIgniter | Laravel
- Java
- JavaScript
- TypeScript
- Python
- Kotlin
- C#
- .NET
- VB.NET

### Database Management

- MySQL
- MS SQL Server
- PostgreSQL
- SQLite
- MongoDB
- Google Firebase

### Web Development

- HTML
- CSS
- jQuery
- Node.js
- AJAX

### Others

- GitHub
- Git
- RESTful API
- Adobe Photoshop
- Adobe Illustrator

## Solo Project

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### **Business Financials and Events Management System**

September 2023 - November 2023

A multi-purpose system that designed to revolutionize and streamline the business operations of Digital Fusion Production by enhancing efficiency and productivity across various aspects of the company. It encompasses a range of functionalities and features aimed at providing a modernized platform for seamless workflow management, resource allocation, and data analysis, ultimately contributing to the company's overall success and growth.

## Educational Background

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### **Bachelor of Science in Computer Science Major in Software Engineering CIIT College of Arts and Technology**

August 2017 - September 2022

Kamuning, Quezon City

- **CIIT Syntax Organization** (Project Manager)
  - **CIIT Game Launcher**
- **CS/EMC Week Celebration** (App-Galing 2019)
  - **CIIT Sunshine** (CIITzen Choice Award)

### **Advanced Diploma in Gaming and Animation Technology Informatics College Diliman Campus**

June 2015 - May 2017

Diliman, Quezon City