

# JAIRA MILLICENT M. SANTOS

jaira.mm.santos@gmail.com • +63 917 558 3173 • [LinkedIn](#) • [Portfolio](#)  
Talon V, Las Piñas City, Metro Manila, 1747, Philippines

## SUMMARY

As an experienced Web Developer **skilled in both front-end and back-end technologies**, I have built a strong foundation in creating dynamic web solutions. This expertise is complemented by my thesis work, which provided me with a deep understanding of **data and machine learning**. **Graduating Magna Cum Laude** in Computer Science from De La Salle University underscores my commitment to excellence, while my leadership experience has refined my abilities in project management and agile adoption of new technologies.

## WORK EXPERIENCE

### Arden Consult

#### Freelance Web Developer

June 2024 – Present

- Designed and developed responsive, performance-focused websites.
- Built dynamic user interfaces with HTML, CSS, JavaScript, and React.js.
- Developed backend functionality for improved client communication.
- Deployed websites: [ardenconsult.org](https://ardenconsult.org)

### Spiralytics, Inc.

Makati, PHL

#### Web Development Intern

June 2023 – August 2023

- Enhanced user experience and functionality on company websites.
- Worked on front-end tasks for a PHP Laravel and Vue-based site.

## RESEARCH EXPERIENCE

### De La Salle University - Manila

#### Pinoybaiting Videos and Filipino Audiences: A Computational Analysis of User Interactions Over Time

Sept. 2023 – July 2024

- Developed *Bidirectional Encoder Representations from Transformers* (BERT)-based models for sentiment analysis.
- Analyzed trends in 8+ million YouTube comments using Python and relevant libraries.
- Research selected for presentation at the 2024 International Conference on NLP and Information Retrieval.

## LEADERSHIP EXPERIENCE

### Computer Studies Government

Manila, PHL

#### Chief of Staff

January 2023 – December 2023

- Led initiatives impacting 3,000+ students.
- Supervised 8 committees, executing more than 10 college-wide projects.
- Maintained and enhanced college-wide communication platforms

#### Assistant Director for Student Services

October 2021 – December 2022

- Assisted over 3,000 students with university-related concerns.
- Implemented data analysis systems for improved process efficiency.

### La Salle Computer Society

Manila, PHL

#### Vice President for Socio-Civic

September 2022 – August 2023

- Organized and executed various events and activities, catering to over 900 students
- Led projects spanning a variety of areas, including socio-civic engagement, fundraisers, and computer literacy programs

## EDUCATION

### De La Salle University

Manila, PHL

#### Bachelor of Science in Computer Science - Major in Software Technology

Expected Graduation Date: October 2024

Concentrations: Machine Learning, Web Development, Data Analysis

**CGPA (April 2024): 3.666 / 4**

- Frequently acknowledged on the **Dean's List** for the majority of my academic terms
- Magna Cum Laude Standing**
- Society of Proactive Role Models INspiring Total Development (SPRINT): Member of an exclusive organization under the Associate Dean of the College of Computer Studies, for students who have above-average academic standings

## SKILLS AND INTERESTS

**Interests:** Web Development, UI/UX Design, Intelligent Systems, Data Analytics

**Languages:** Native Filipino speaker; Fluent in English

### Technical Skills:

- Programming Languages:** C, C#, Java, Python, Verilog
- Frameworks and Libraries:** Flask, Express JS, Node JS, React, Vue, Bootstrap, Tailwind, JavaScript, pandas, matplotlib, seaborn, scikit-learn, spaCy, and NLTK
- Web Development:** HTML, CSS, Webflow
- UI/UX:** Figma, Spline
- Databases:** MongoDB, SQL