

# Marcy Claire S. Villegas

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## SKILLS

**Programming Languages:** JavaScript, Typescript, Python

**Front End:** ReactJS, AntDesign, TailwindCSS, Bootstrap

**Back End and Database:** FastAPI, NextJS, Express, MySQL, Redis, MongoDB

**Testing and other tools:** Jest, React Testing Library, Pytest

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## WORK EXPERIENCE

**MVI Ventures** | *Software Engineer (June 2023 - Present)*

- Developed 30% of the modules for a B2B logistics system's API using FastAPI, Python, MySQL, SQLAlchemy and Redis, while implementing unit testing with Pytest to ensure robustness and reliability.
- Developed dynamic and interactive front-end features for a B2B logistics system using NextJS, Ant Design, and Tailwind CSS.
- Implemented Celery, an asynchronous task management tool for Python, to optimize the back-end performance of an e-commerce system, resulting in 70% reduced response times.
- Integrated Shopify webhooks for the business logic of the e-commerce system using Shopify API, Google Cloud Platform Pub/Sub, FastAPI, and Python.

**Symph** | *Developer Intern (January 2023 - April 2023)*

- Crafted responsive and dynamic front-end features using ReactJS and AntDesign.
  - Developed comprehensive unit test cases of various software features in the front-end using Jest and React Testing Library.
  - Led a group of 3 members in ACEZ hackathon resulting in winning and continuing the presented solution as a feature for an existing web application.
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## PROJECTS

**Digital Menu and Business Card Template Web App** | *Typescript, React, React Router, TailwindCSS, Vite*

- A web app where developers and food business owners can easily update the menu.
- Created components from scratch with the use of TailwindCSS.
- Used best practices in the development using Typescript and React.

**I-LABS: Room Reservation, Equipment Borrowing and Open Laboratory Monitoring System for UST CICS** | *NextJS, Reactstrap, Express, MongoDB, SocketIO, Node Cron*

- Led a group of 4 members for the technicalities and development of system.

- Constructed the Entity Relationship Diagram (ERD) for the data flow of the system and contributed to both front-end and back-end development.
  - Implemented real-time data, real-time notification, and scheduled automation features.
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## EDUCATION

### **University of Santo Tomas** | *BS Information Systems (2019 - 2023)*

- Dean's Lister from the 2nd semester of 2nd year to 2nd semester of 4th year
- Maintained a GPA above 2.75 throughout college to meet eligibility criteria for the CHED Partial scholarship program.