

# Maxell Milay

## Web Developer

A frontend web developer with primary expertise in Typescript, React, and Firebase, but currently looking forward in learning backend development and has a particular interest in the field of Machine Learning and FinTech.

✉ milaymaxell@gmail.com

📍 Cebu City, Philippines

🌐 [linkedin.com/in/maxell-milay-354517207](https://www.linkedin.com/in/maxell-milay-354517207)

📞 +639664695096

🌐 [maxell-milay.vercel.app](https://maxell-milay.vercel.app)

🌐 [github.com/maxellmilay](https://github.com/maxellmilay)

## WORK EXPERIENCE

### Web Developer Intern Symph

12/2022 - 03/2023

Cebu City, Philippines

#### Achievements/Tasks

- Built functional web pages, ensuring pixel-perfect design implementation from mockups and wireframes
- Deployed and implemented changes to client websites with the aid of backend and DevOps engineers
- Updated existing client web pages to address issues and recommendations
- Collaborated with project managers to create comprehensive and well-planned web solutions for the client

## EDUCATION

### Science Technology Engineering and Mathematics

#### Philippine Science High School - Central Visayas Campus

08/2016 - 06/2022

6-year Director's Lister with High Honors and Excellency in Physics

#### Projects

- **HIKAway**: Portable Monitoring and Notification Device for Asthma Pre-detection
- **GreenBox**: Automatic Composting Device
- **Project DALOY**: Drone-based Depth and Atmospheric Level Open-Source monitoring device for the Filipino Youth
- Simulated Biomimicry of Photovoltaic Tree Architecture Based on the Phyllotaxy and General Tree Crown Shape of *Pinus Strobus* (Eastern White Pine)

### Bachelor of Science in Computer Science University of the Philippines Cebu

09/2022 - Present

#### Projects

- **Rotom Dex**: A Pokemon repository desktop application developed using C++ and the SFML GUI library

## SKILLS

Javascript

Typescript

Python

C

C++

React

Next.js

Firebase

Redux

Tailwind CSS

Material UI

Bootstrap

Arduino

Responsive Web Development

## FEATURED PERSONAL PROJECTS

### CMSC Blog (2022)

- Designed the user interface of the website using Figma and built it primarily using Next.js and Tailwind CSS
- Implemented admin access using Firebase authentication where admin users can upload blogs and store to Firestore
- Installed a search and filter feature for the blogs
- Typescript, Next.js, Tailwind CSS, Firebase

### Medata (2022)

- Designed the site user interface and developed it using React and Firebase for user account authentication and data storage
- Engineered a filter system for the different types of media data stored per account
- TypeScript, React, Tailwind CSS, Redux, Firebase

### TMI Blog (2023)

- Developed the site with the help of other developers and ui designers using Next.js
- Implemented CSS animations and image responsive web design
- Optimized site loading time by restructuring code and compressing site local image files
- Typescript, Next.js, Tailwind CSS

### Portfolio Website (2023)

- Designed user interface in Figma and developed the site using Next.js and the Tailwind CSS library
- Incorporated a resume-like content to the site design and development
- Typescript, Next.js, Tailwind CSS

## SELECTED ACHIEVEMENTS

### Finalist (2019)

*Young Inventors' Challenge Malaysia*

### 1st Runner-up (2019)

*Samahang Pisika ng Visayas at Mindanao Investigatory Project*

### Gold Award (2021)

*Asian Youth Innovation Awards Malaysia*

### Finalist (2021)

*Karangturi Science Fair Indonesia*