MICO IRVIN DE MESA

Junior Software Engineer

PORTFOLIO
micoirvin.com/projects

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TECHNOLOGIES
JavaScript, React, Node.js
Express.js, MongoDB
PostgreSQL, Git, GitHub
HTML, CSS, Tailwind, SCSS
Python, C++, PHP
AstroJS, AlpineJS, jQuery
Webflow, WordPress, Strapi
AWS S3, Firebase

EDUCATION
University of the Philippines – Diliman

BS Electronics Engineering
2019 – 2022, 2024 – 2025
GWA: 1.1988 (Summa Cum Laude)

ABOUT
I am a fresh graduate with some work experience in website development. From website frontend, my goal now is to widen my skillset and become a full-stack software developer. My software projects involve some coursework, plugin solutions for my own problems, or simply my own curiosities.

PROJECTS

One-26 (link) (September 2025)
- A video recorder web app that saves files directly to user's Google Drive folder.
- Frontend: React, Tailwind, Media Recorder Web API
- Authentication: Google OAuth
- Authorization management: JWT-signed cookies
- Backend: Node.js with Express.js, Google APIs

WindFlow (link) (deployed and maintained: April 2024)
- Made with React, Tailwind, and Webflow's Designer API.
- A plugin for Webflow, used to add Tailwind utility classnames to Webflow elements.
- Aims to solve Webflow's lack of utility and global class support.

HazEEE Monitoring (link) (May 2024)
- A project combining hardware and software – data from multiple sensor-equipped embedded systems are deployed to the cloud, analyzed, and displayed on a web app, in order to identify potential event of haze.
- Hardware includes STM32 microcontroller, sensors, WiFi and GSM modules, batteries, etc.
- Web app was built on React and deployed in Firebase.

More at https://micoirvin.com/projects/

WORK EXPERIENCE

Frontend Website Developer @ ShortPoint (January 2023 – February 2024) (full-time)
- I worked as an in-house website developer who maintained our company marketing site and other subdomains using Webflow.
- I created custom code for new features, bug fixes, and site optimization mainly with JS, CSS, and HTML.
- I optimized our site speed – went **up by 50 points** on PageSpeed Insights and **reached 90+** Pingdom scores on major pages.
- I **implemented** our site on a **new stack** (AstroJS, Tailwind, AlpineJS, and Strapi) for upcoming site migration.

Freelance Frontend Developer (September 2022 -)

** I worked from 2022 – 2024, then finished my studies from 2024 – 2025. Now seeking new work opportunities!