



MICO IRVIN DE MESA

Junior Software / Automation Engineer

WORK EXPERIENCE

Automation Engineer Intern @ [Granite Marketing](#) (June 2025)

- I learned n8n automation and prompt engineering.
- I built an AI-enabled workflow automation called Scraper Drafter (see project below).

Website Developer @ [ShortPoint](#) (January 2023 – February 2024)

- I worked as an in-house website developer who maintained our company marketing site and other subdomains using Webflow.
- **Business process improvements:**
 - I integrated **APIs** such as Google, Hubspot, and Mixpanel to our website.
 - I used Webflow Designer API to automate content update.
 - I implemented a proof-of-concept stack for our new website with developer documentation and basic CI/CD with **GitHub Actions** and AWS S3.

Frontend Developer @ [Sonnet](#) (September 2022 – January 2023)

- I built and maintained WordPress websites and custom themes.

PROJECTS

Scraper Drafter ([link](#)) (2025)

- An automation workflow in **n8n** that connects various APIs:
 - Firecrawl – crawls the content of a website
 - Gemini – AI model that generates draft email
 - Notion – database for email content review, revision, and approval
 - Gmail – triggers email sending of approved content

WindFlow ([link](#)) (deployed and maintained: 2024 -)

- A plugin built with **React**, Tailwind, and Webflow's Designer API.
- Aimed to improve frontend development in Webflow, by enabling Tailwind utility classnames to Webflow elements.

HazEEE Monitoring ([link](#)) (2024)

- A project combining hardware and software.
- Hardware (STM32 microcontroller, sensors, WiFi, etc.) sends environment sensor data to Thingspeak cloud platform.
- Data is analyzed and displayed on the web app, built on React and deployed in **Firebase**.

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

PORTFOLIO

| micoirvin.com/projects

CONTACT

| micoirvin@gmail.com
| github.com/micoirvin
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TECHNOLOGIES

| n8n for automation
| JavaScript, React, Express
| NodeJS, MongoDB, Python
| Git, GitHub
| CI/CD using GitHub Actions
| AWS S3, Firebase

SKILLS

| workflow builds
| API integration
| full-stack development

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 - passionate in tech, from code solutions to no-code solutions. My experience in web technologies and full-stack development allow me to adapt to the fast-paced, AI-enabled, no-code tech solutions for business problems.