

# Ramiro Alvarez

I am passionate about technology, music, and video games. I enjoy all areas of computer science, but I have focused more on Full Stack Web Development. I have experience working on projects for small businesses.

## EXPERIENCE

### IBM, Guadalajara — *Intern Software Tester*

MARCH 2024 - APRIL 2024

#### Responsibilities:

- Conducted smoke and regression tests to ensure software quality.
- Initiated the automation project using Cypress.

#### Highlighted Achievements:

- Demonstrated a strong commitment to self-improvement by actively participating in training courses.
- Engaged in joint meetings with developers and testers to gain a thorough understanding of the product, thereby enhancing the quality of conducted tests.

### VAGABE, Guadalajara — *Web Developer*

JUNE 2023 - PRESENT

#### Responsibilities:

- Managed equipment and servers to ensure optimal performance and availability.
- Developed and maintained a scheduling system for Centro Universitario de Ciencias Exactas e Ingenierías using PHP and JavaScript.
- Designed features for room and laboratory reservations, enabling CRUD operations.
- Ensured ongoing system maintenance for efficiency and error correction.

#### Highlighted Achievements:

- Implemented improvements enhancing scheduling system efficiency and usability.
- Introduced coding practices that reduced loading times and improved user experience.
- Coordinated updates and patches to maintain system security and performance.
- Received positive user feedback for intuitive and reliable system functionality.

## EDUCATION

[ramiro.alvarez@rahcode.com](mailto:ramiro.alvarez@rahcode.com)

[www.rahcode.com](http://www.rahcode.com)

[/in/milosnowcat](https://in.milosnowcat)

[github.com/milosnowcat](https://github.com/milosnowcat)

## SKILLS

Collaboration.

Continuous Learning.

Empathy.

Time Management.

Professional Ethics.

Active Listening.

Team Leadership.

HTML, CSS, JavaScript.

PHP, SQL, Python, C, Java.

Next.js, React, Node.js,

Django, PostgreSQL, Nginx,

Docker, MySQL, Cypress.

## COURSE CERTIFICATES

**Maratón Habilidades Tecnológicas. Edición Ciberseguridad** Cisco's cybersecurity course at PLAi.

**Programación para jóvenes: START** Web Programming Course at PLAi.

**CCNAv7: Introducción a Redes** Cisco Networking Course.

**Interland** Google Online Security Course.

**Proulex Diploma Universitario** English B2 Level.

**Cypress:** E2E Automation Testing con JS, a fondo!

**Cybersecurity:** Learn Ethical Hacking From Scratch 2024

## Escuela Politécnica, Guadalajara — *Tecnólogo Profesional*

AUGUST 2020 - MAY 2024

### Relevant projects:

1. **Demeter**
  - a. Description: Job search application.
  - b. Project Type: Teamwork.
  - c. Technologies Used: Next.js, Node.js, React, JavaScript, RESTful API.
2. **Sound Flower**
  - a. Description: Web application for music streaming.
  - b. Project Type: Teamwork.
  - c. Technologies Used: LEMP (Linux, Nginx, MySQL, PHP).
3. **inventory.java**
  - a. Description: Inventory management application.
  - b. Project Type: Individual project.
  - c. Technologies Used: Java, Object-Oriented Programming.

## P-TECH, Guadalajara — *IBM*

AUGUST 2020 - MAY 2024

### Relevant projects:

1. **Hexagon**
  - a. Description: Job search application.
  - b. Project Type: Teamwork.
  - c. Technologies Used: Django, Python, Django Rest Framework, PostgreSQL, Nginx, Docker

### PROJECTS

#### **passmgr.py — Password Manager**

Created a secure, Python-based password manager with a CLI for managing passwords. Features include creating, reading, updating, and deleting entries, with a master password for access.

#### **MeowScript — *EsoLang***

Developed MeowScript (MSC), an esoteric programming language using cat sounds for commands. Open-source with a C-based interpreter.

#### **ShieldCipher — Cyber Security Python Library**

A fork from **passmgr.py** converted in a Python Library

#### **Cypress with Cucumber BDD**

Automation Testing

Bootcamp

#### **Gherkin para Product Owner.**

Aprende la sintaxis de

Gherkin

#### **Linux for Cloud & DevOps**

Engineers

**LANGUAGES**

English B2

Spanish Native