

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.

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EXPERIENCE

VAGABE, Guadalajara — *Web Developer*

JUNE 2023 - PRESENT

Responsibilities:

- Equipment Maintenance and Server Administration:**
 - Led the management and maintenance of equipment, ensuring optimal performance and continuous availability of resources.
 - Administered servers to ensure a stable development and production environment.
- Development and Maintenance of the Scheduling System:**
 - Contributed significantly to the development of a scheduling system for the Centro Universitario de Ciencias Exactas e Ingenierías.
 - Utilized technologies such as PHP and JavaScript to implement key functionalities.
 - Designed and developed the capability for room and laboratory reservations, enabling users to perform create, read, update, and delete (CRUD) operations on reservations.
 - Personally took responsibility for the ongoing maintenance of the system, ensuring its efficiency and error correction.

Highlighted Achievements:

- Optimization and Continuous Improvement:**
 - Implemented significant improvements in the scheduling system, increasing efficiency and usability.
 - Introduced effective coding practices resulting in reduced loading times and an enhanced user experience
- Effective Handling of Updates and Patches:**
 - Coordinated the implementation of updates and patches to ensure the security and continuous performance of the scheduling system.
- Positive User Feedback:**
 - Received positive feedback from end-users for the intuitive and reliable functionality of the system,

SKILLS

Collaboration.

Continuous Learning.

Empathy.

Time Management.

Professional Ethics.

Active Listening.

Team Leadership.

RECOGNITIONS

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.

LANGUAGES

English B2

Spanish Native

contributing to customer satisfaction.

EDUCATION

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*

PassMgr is a Python-based password manager, ensuring secure storage and management. The CLI allows creating, reading, updating, and deleting password entries. Users can manually create or generate random passwords, access and manage entries. A master password is essential for secure access. PassMgr provides a robust and flexible password management solution.

MeowScript — *EsoLang*

MeowScript (MSC) is an esoteric programming language with a C-based interpreter. Inspired by cat sounds, it uses "meow" to increment ASCII, "hiss" to decrement, and "purr" to output characters. Contributions are

welcome on GitHub, and it's licensed under MIT.

ShieldCipher — *Cyber Security Python Library*

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