

# Ricardo Chavez Merino

## Software Engineer

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### PROFESSIONAL RESUME

Software Engineer with +1 year of experience in **Python**, **Web Development** and **version control**. Specialized in **systems integration**, **process automation**, and **REST APIs**. Effective communicator, enthusiastic collaborator, self-taught, and proactive, with the ability to identify areas for improvement and implement solutions to ensure compability and optimization of technological services.

### PROFESSIONAL EXPERIENCE

#### REPARE

Mexico City

##### Information Analyst

October 2023 – September 2024

- Designed and presented dynamic reports in Excel using graphs and tables, facilitating strategic decision-making.
- Developed and implemented SQL queries and Excel macros to automate data processing, reducing errors and increasing efficiency.
- Developed a Python application to generate visualizations from .txt files, improving data analysis and reporting efficiency and created use guide.
- Implemented a log system using Markdown for the team, improving data organization and version control.

#### APP DT SOFTWARE

Pachuca de Soto, Hidalgo

##### Internship Web Development and Support

November 2022 – April 2023

- Developed and maintained websites using HTML, CSS, and PHP, ensuring functionality and optimization.
- Designed and deployed a company landing page, improvement its online presence.
- Managed and integration of databases with MySQL, PHP, and HeidiSQL, improving server efficiency.
- Collaborated on feature implementation based on client needs.
- Created documentation and reports to ensure project traceability.

### PROJECTS

#### Virtual Gallery

November 2024

Design and development of a tematic virtual gallery for the Suricato Cult, a Mexican street art collective. The project includes the creation of a website with a responsive design, SEO optimization and UX/UI Design.

[Portfolio Gallery](#)

### EDUCATION

#### UNIVERSIDAD POLITECNICA DE PACHUCA

Pachuca de Soto, Hidalgo

##### SOFTWARE ENGINEER

August 2023

Degree in process

GPA: 8.6 / 10

### SOFTWARE AND TOOLS

Good knowledge of **Linux**, **Flask**, **Numpy**, **Matplotlib**, **command-line interface** (Intermediate), **POO**, **VI commands for editing and Bash scripting analysis** (Intermediate), **Docker** (Basic), **TCP/IP** (Intermediate), **VLAN** (Intermediate), **Computer maintence** (Intermediate), **Virtual Machines** (Intermediate), **Git** (Basic), **Figma** (Intermediate), **MySQL** (Intermediate), **Excel** (Intermediate), **Office365** (Intermediate), **HTML5** (Advance), **CSS3** (Intermediate), **SQL** (Intermediate), **SCRUM** (Basic)

### PROGRAMMING LANGUAGES

**Python** (Intermediate), **JavaScript** (Basic), **C++** (Basic), **PHP** (Basic), **Java** (Basic)

### COURSEWORK AND CERTIFICATION

[Google Cloud Computing Foundations](#), by Google Cloud

2022

### LANGUAGES

English - Intermediate, Spanish - Native