

# Ricardo Marcelo Alvarez

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## Areas of Knowledge

- Managing virtualization systems with **KVM** and **XEN** in Production since 2009.
- Managing databases **PostgreSQL** and **MySQL** since 2004.
- Good knowledge of **Javascript**, **PHP**, **HTML**, **Python** and **Bash**.
- Basic knowledge about **Blockchain**.
- Basic knowledge of creating **Debian** packages and repositories.
- Good knowledge of **Docker**
- Good knowledge of **Ansible**

## Professional Experience

**GNUtransfer** – SysAdmin, DBA, software developer, (May 2005 – Present)

Developer of the control panel (**VPSControl**) for managing virtual machines with **KVM** and **XEN**. Using **PHP** on the backend and **HTML**, **Javascript** on the frontend.

Work for the government (Argentina) - SysAdmin, DBA (March 1995 - April 2006) Migrate servers from proprietary software to free software (Linux, PostgreSQL, MySQL, Postfix, among others).

## Languages

English (basic), Spanish (native)

## Hobbies

- Electronics with arduino.
- Develop python modules for math analysis.
  - Discrete Fourier
    - \* **Discrete Fourier on github**
    - \* **Discrete Fourier on PyPI**
- Develop python modules for crypto exchanges
  - Ccxw - CryptoCurrency eXchange Websocket Library
    - \* **Ccxw on github**
    - \* **Ccxw on PyPI**
  - Ehdttd - CryptoCurrency Exchange history data to database
    - \* **Ehdttd on github**
    - \* **Ehdttd on PyPI**
  - ehdttd-daemon - Daemon script for the **Ehdttd** package
    - \* **ehdttd-daemon on github**

- \* [ehdtd-daemon on PyPI](#)
- ehdtd-daemon-debian-pkg - Script to create the Debian package for [ehdtd-daemon](#).
- \* [ehdtd-daemon-debian-pkg on github](#)

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