



Federico Ramírez Villagrana

26 YEARS OLD, SOFTWARE ENGINEER

Guadalajara, Jalisco, México

☎ (+52) 3314 755965 | ✉ federico.ram.v@gmail.com | 📷 freddieRv | 🌐 freddierv

My biggest interests are shell scripting, server management, distributed systems, AI, design patterns and principles, databases, and psychedelic cumbias.

Experience

Oracle México

Guadalajara, México

SECURITY ASSURANCE ENGINEER

Nov. 2020 - PRESENT

- Maintenance of security-related packages for the Oracle Linux OS.
- Involved in the backporting and testing activities to certify software packages with the Federal Information Processing Standards 140-2 (FIPS).
- Technical leader responsible for the development and maintenance of the scap-security-guide package for Oracle Linux.
- Tools used for daily activities: Linux, Bash, C, Python, OVAL, jinja, git, Gitlab, Jenkins.

Bosch México

Guadalajara, México

HMI DEVELOPER JR

May. 2019 - Nov. 2020

- Development of HMI interfaces for instrument panel clusters using CGI tools and C++ frameworks.

Qualified Storm Leads

Guadalajara, México

FULL-STACK WEB DEVELOPER & SERVER ADMINISTRATOR

Jan. 2017 - Mar. 2019

- Developed web-based solutions and platforms for internal use of the company, as well as for managing clients and contact with them through email, SMS, and push-notifications.
- Build REST APIs to provide support for mobile applications.
- Used technologies and tools including PHP - Laravel, Javascript, Git and Gitflow, shell scripting.
- Managed company's both shared hosting servers and virtual private servers. Worked with distributed-database systems.

Corb consultoría informática

Guadalajara, México

BACK-END WEB DEVELOPER

Feb. 2016 - Sep. 2016

- Development and maintenance of web platforms for different clients using various frameworks and technologies including Laravel, Angular2, JQuery, OAuth2.0, Wordpress, among others.

Education

Universität Hamburg

Hamburg, Germany

EXCHANGE SEMESTER

Oct. 2018 - Mar. 2019

- International mobility program in Germany covering topics such as distributed systems and information security, human - computer interaction and the ethics of informatics, among others.

Universidad de Guadalajara

Guadalajara, México

B.S. IN COMPUTER ENGINEERING

Aug. 2014 - Jul. 2020

- I developed a C++/Qt5 application that obtains point clouds using a bidimensional laser scanner and a servo-motor for their posterior analysis with clustering algorithms.

Languages and other skills

Spanish Native speaker.

English Certificate TOEFL IBT, C1 level.

German Certificate GOETHE-ZERTIFIKAT, B1 level. Currently studying C1 level.

UNIX-like systems I have experience managing, configuring, and hardening distributions of GNU/Linux running different services and applications.

Agile methodologies I have experience working with the SCRUM methodology and as project manager / team leader.