



# Federico Ramírez Villagrana

26 YEARS OLD, SOFTWARE ENGINEER

Guadalajara, Jalisco, México

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

## Experience

### Oracle México

SECURITY ASSURANCE ENGINEER

Guadalajara, México

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

HMI DEVELOPER JR

Guadalajara, México

May. 2019 - Nov. 2020

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

### Qualified Storm Leads

FULL-STACK WEB DEVELOPER & SERVER ADMINISTRATOR

Guadalajara, México

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

BACK-END WEB DEVELOPER

Guadalajara, México

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

EXCHANGE SEMESTER

Hamburg, Germany

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

B.S. IN COMPUTER ENGINEERING

Guadalajara, México

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.