

# GABRIEL RODRIGUEZ

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Full Stack Developer with 7+ years of experience developing web and hybrid mobile applications and around 12 years working in the development of Information Systems. Self Taught and loving to code.

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## ***Technical Summary***

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- **Proficient in:**
  - Frontend languages: Angular, Javascript, html5, CSS.
  - Backend languages: NodeJS, REST API, cakePHP.
  - Programming languages: Javascript, , PHP, SQL.
  - Hybrid Mobile: Ionic 3 & 4, Apache Cordova.
  - Database systems: PostgreSQL, MySQL
  - Linux servers: CentOS, Ubuntu.
  - Geographic Information Systems: QGIS, PostGIS, Geoserver, Openlayers, leaflet, Google Maps.
  - Others: Wordpress, Joomla.
- **Familiar with:**
  - Cloud providers: Amazon AWS, Google Cloud Platform, Digital Ocean.
  - Collaborative tools: Git, Slack, Jira, Google suite
  - Software development methodologies: Scrum and Agile
- **Languages:** Spanish (Native), English (Intermediate).
- **Online profile:** <https://gurodriguez.github.io/>

## ***Professional Experience***

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**Cartelera Quintana Roo. Web App for  
the Oficialía Mayor of QRoo**

**Jul. 2019 - Sept. 2019**

**Role: Project Lead.**

**IT Department Employee in the Quintana Roo Government.**

I participated as the Project Lead of this web app at the Oficialía Mayor of Quintana Roo. This web app allows to the citizens know all the events organized by a public institution in their city.

The project consisted in developing a web page for presenting the public event information and developing an admin app for manage all the events..

To achieve this, it was necessary to do some tasks:

- Design and implementation of the database and the web app for presenting the information.
- Design the path and the process to follow by the personal of the institute to create and manage each good.
- Design the Admin process and app for manage the public events data.
- Design the public page.

**Achievements:**

- *Better Transparency.* With this web app the citizens can access an view who is selling goods and services to the Government.
- *Service always available:* Before this web app, suppliers had to go to the Government Department of suppliers in order to register as a valid provider, but nowadays, this web app provides all the process online, improving the productivity of the department and the service offered.

**Technical Environment:** Javascript, MySQL, PHP, Bootstrap, cakePHP.

**Web App public link:** <https://cartelera.qroo.gob.mx/>

**Pedro's List. Mobile App for the Pedro's List Co.****Aug. 2018 - March. 2019****Role: Full stack Developer.****Freelancer.**

I participated as the full stack developer of the whole application, starting from the database and the backend REST API. This mobile application let the people ( target: **expats**) find the right service provider based on what they need (carpenters, cleaners, plumbers, etc). For each service completed, the customer can make a review and depending of the grade granted the provider will receive a crypto tokens in his internal wallet, for achieve that I participated with a blockchain team in order to implement the process on the backend.

The mobile application was developed with Ionic 3 and as backend we use Loopback Framework . The exchange data was made through REST API.. The steps taken during the development of this project were:

- Design the app database
- Design and coding of the mobile application
- Configuration of the CentOS virtual server in Digital Ocean platform
- Publish the app on the mobile stores of Google Play.

**Achievements:**

- *Provides an app to the expats to find the right service at his phone.*

**Technical Environment:** Typescript, PostgreSQL, NodeJS, Loopback, Angular, REST API, Digital Ocean platform.

**App link:** <https://play.google.com/store/apps/details?id=io.pedroslist.consumer>

**Suppliers Portal. Web App for the Oficialía Mayor of QRoo****Aug. 2018 - Dec. 2018****Role: Project Lead.****IT Department Employee in the Quintana Roo Government.**

I participated as the Project Lead of this web app at the Oficialía Mayor of Quintana Roo. This web app allows the register of the Government's suppliers in order to have an updated list of suppliers of different goods and services.

The project consisted in developing a web page for presenting the public contract information in order to transparent the spends of the Government.

To achieve this, it was necessary to do some tasks:

- Design and implementation of the database and the web app for presenting the information.
- Design the path and the process to follow by the personal of the institute to create and manage each good.
- Design the Admin process for manage the public data.
- Design the Supplier's Page.

**Achievements:**

- *Better Transparency.* With this web app the citizens can access an view who is selling goods and services to the Government.
- *Service always available:* Before this web app, suppliers had to go to the Government Department of suppliers in order to register as a valid provider, but nowadays, this web app provides all the process online, improving the productivity of the department and the service offered.

**Technical Environment:** Javascript, MySQL, PHP, Bootstrap, cakePHP.

**Web App link:** <https://proveedores.groo.gob.mx/>

**PetKardex. PWA**  
**for Servicios Veterinarios Integrables.**  
**Role: Full stack Developer**  
**Freelancer.**

**May. 2018- June. 2018**

I participated as the developer of the PWA. This Progressive Web App provides the same user experience without installing an app from the official stores.

The app was built using Ionic 3 and it was connected to a REST API in CakePHP, and released only at a web Page but you can install it in your Mobile phone.

**Achievements:**

- *Customer and pet control:* This PWA allows the control of the customers and their pets in order to maintain an updated clinical kardex of each pet.

**Technical Environment:** Javascript, REST API, Ionic 3, PWA, Angular, cakePHP, Digital Ocean Platform.

**Project Graphic Description:** [https://gurodriguez.github.io/#section\\_portfolio](https://gurodriguez.github.io/#section_portfolio)

**Asesor Universal. Web App**  
**for Asesores Profesionales de PATT S.C.**  
**Role: Full stack Developer**  
**Freelancer.**

**Feb. 2018- abr. 2018**

I participated as the developer of the web app. This app allows the control of the insurance contracts and the customer contacts, manage since the new contract, throw all the profile up until the renew.

**Achievements:**

- *Better control:* This web app allows the control of the customers and contracts of different places, allowing the owner of Asesores Profesionales to supervise remotely the operations.

**Technical Environment:** Javascript, PostgreSQL, PHP, cakePHP, Digital Ocean Platform.

**Project Graphic Description:** [https://gurodriguez.github.io/#section\\_portfolio](https://gurodriguez.github.io/#section_portfolio)

## **Todos Santos App. Promotional App for the Todos Santos Town, BCS. , México.**

**June. 2017- Jul. 2017**

**Role: Mobile Developer  
Freelancer.**

I participated as the developer of the mobile app. This app shows the places for the people interested in visiting the town. Is a touristic app.

The app was built using Ionic 3 and it was connected to a REST API, and released only at the Google Play Store.

### ***Achievements:***

- *Promotions of the town:* This app allows the touristic promotion of Todos Santos App.

**Technical Environment:** Javascript, REST API, Ionic 3, Angular, Google Cloud Platform.

**Project Graphic Description:** [https://gurodriguez.github.io/#section\\_portfolio](https://gurodriguez.github.io/#section_portfolio)

## **Public Contracts Portal. Web Page for the Oficialía Mayor of QRoo**

**Feb. 2017 - May. 2017**

**Role: Project Lead.  
IT Department Employee in the Quintana Roo Government.**

I participated as the Project Lead of the web page at the Oficialía Mayor of Quintana Roo.

The project consisted in developing a web page for presenting the public contract information in order to transparent the spends of the Government.

To achieve this, it was necessary to do some tasks:

- Design and implementation of the database and the web app for presenting the information.
- Design the path and the process to follow by the personal of the institute to create and manage each good.
- Design the Admin process for manage the public data.

### ***Achievements:***

- *Better Transparency.* With this web page the citizens can access and view the spends in goods and services of the Government in detail or charts.

**Technical Environment:** Javascript, MySQL, PHP, Bootstrap, cakePHP.

**Web Page link:** <https://consultagob.qroo.gob.mx/>

View the complete list of projects: <https://gurodriguez.github.io/assets/files/ResumeGabrielRodriguez.complete.pdf>

## ***Education***

### **Bachelor's Degree in Computer Sciences**

**1999-2003**

Anahuac Mayab University, Mérida, Yucatán, México.

### ***Additional Courses***

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- Web Developer full-stack with Symfony 3 and Angular 2, Udemy **2017**
- Ionic 3 - Build iOS, Android & Web Apps with Ionic & Angular. Udemy **2018**
- Angular & NodeJS - The MEAN Stack Guide. Udemy **2018**
- Docker, de principiante a experto. Udemy **2019**
- English language, Harmon Hall **2019**
- Google Launchpad - BBVA Bancomer / Blockchain. Mexico City **2019**