

# JORGE CASTRO

 [github.com/keozx](https://github.com/keozx)

 [jorge.castro@outlook.com](mailto:jorge.castro@outlook.com)

## .NET STACK DEVELOPER

### ABOUT ME

---

I have 12+ years experience as developer in USA and Mexico, I have developed a wide range of high quality mobile applications, ranging from content and multimedia to mobile banking, mobile payments, medical devices and highly transactional business apps.

My expertise on .NET and C# related technologies is very competitive and for the latest 6 years I have been working with Xamarin platform.

### EXPERIENCE

---

#### SR. XAMARIN & .NET CORE DEVELOPER

##### LivaNova -

##### VNS Therapy Patient App / Clinician App

(Aug 2018 - Present) - USA

- **Patient App**

- Development of a mobile application targeting Android and iOS platforms to operate medical VNS Therapy devices through Bluetooth LE, user device data monitoring, processing and syncing to cloud.
- Push notifications implementation for client and server side registration and push send API through Azure Notification Hub.
- Implemented Azure DevOps lifecycle with app build pipelines and release distribution to App Center, including shell scripts, static settings and file management from other pipelines. Also provisioning of self-hosted MacOS build agent.
- Xamarin UI Test insights for test integration through App Center automation tests and Azure DevOps Build Pipeline

- **Clinician App**

- Development of Android medical application targeting tablet form factor for programming patient VNS Therapy devices.
- Implementation of UI layer based on Xamarin.Forms with Prism and in some components leveraged Rx.NET and Reactive UI
- Architecture based on MVVM, SOLID and a Clean in a multi-layered implementation and module approach with Prism Modules.
- TDD and standard Unit and Integration Testing on xUnit with coverage up to 80%

- Worked with a multidisciplinary team with a variety of roles including Architects and Product Owners, Cloud and Mobile Engineers and Testers

**SR. XAMARIN  
DEVELOPER**

**Heavy Construction Software Specialist (HCSS) -  
HCSS Employee App and Timeclock App**  
(Aug 2017- Jul 2018) - **USA**

- B2B Mobile applications for time clock and employee job and on site operations management for construction companies., using Xamarin Forms, targeting Android, iOS and one of them also Windows Universal.
- Integrated with App Center analytics.

**SR. XAMARIN  
DEVELOPER**

**Unified Development, Inc. (Unidev) - eForm Assessment Tool App**  
(Feb 2017- Jul 2017) - **USA**

- B2B Mobile application for tablets, the purpose of the application was to assess and report, using a questions form, the use in field of products from different manufacturers by the users of those products.
- Developed the mobile and desktop application for 3 platforms including Android, iOS and Windows, a total of 12 apps with slightly different configurations were delivered to 4 different clients using a single Core to achieve a high level of maintainability of the application.

**SR. XAMARIN  
DEVELOPER**

**Nalco, and Ecolab Company - TCO, MDE & TPA apps**  
(Oct 2016- Feb 2017) - **USA**

- B2B Mobile Applications set focused on water use and processes optimization and cost /usage estimates and assessments

**SR. XAMARIN  
DEVELOPER**

**Fayvors - Fayvors App**  
(Jul 2016 - Oct 2016) - **USA**

- Mobile Application that allows a user to browse for a favor or earn money by providing a Favyor. This intuitive App allows Users to list, avail, Favyors and use secure payment gateway to complete financial transaction. Additional features include ability to read, rate and post reviews. Facebook Authentication. Launch a text message or a phone call from within this App to reach out to provider of a Favyor.

**TECHNOLOGY LEAD  
&  
SR. DEVELOPER**

**Gigigo México**  
(Nov 2012 - Oct 2016) - **MX**

- I lead a team of up to 8 mobile and C# developers and as a result I have experience coaching, coordinating and assembling teams with skills on .NET, Azure , Xamarin and mobile native Android, iOS and Windows platforms.
- Worked with clients in México, Brasil, and Europe.
- Some of our clients were:  
Santander Bank, Edendred (Empresarial App), Wallabi ( Gulf México Mobile App), Smart Payments (Pixipagos App), Meu Vivo, Itau Bank, Pedidos Ya, Inalarm, Televisa México (Entertainment apps), Grupo Imagen (Entertainment apps)

## SKILLS

---

- **Languages**  
C#, XAML, HTML, Shell scripting.
- **IDE**  
Visual Studio, Rider, VS Code, Android Studio, XCode
- **Version Control**  
Git, VSTS
- **Documentation and DevOps**  
Azure DevOps, JIRA Software, ScrumDo
- **DB**  
SQL Server, SQL Azure, SQLite.
- **Operating Systems**  
Windows, MacOS, iOS, Android.
- **Test**  
Xamarin UI Test, Unit Test with XUnit, AppCenter Automation.
- **Mobile API**  
Bluetooth LE, Azure Notification Hubs, Facebook SDK, Braintree, OAuth, SQLite

## INTERESTS

---

I read about best practices in .NET stack and self improvement skills, working on open source app architecture, tweeting and sharing about experiences abroad.

Spend time with my wife getting to know new places and share activities we like as much as possible.

Connect with peers I can learn more from.

I want to learn more about electrical engineering and AI.

## EDUCATION

---

**Bachelor's degree in Computer Science - Software Specialist**

## CERTIFICATIONS

**Xamarin Certified Mobile Developer**

Connect with me on 

