



# Fabricio Vega Ugalde

I am a passionate software developer with 7 years of experience developing web, mobile and desktop applications. I consider myself a committed, passionate, responsible and hard-working person. I always try to find ways to improve my knowledge, I try to find new challenges that can improve my career and learn about new technologies. I love programming because it can solve and improve so many personal and business needs.

## SKILLS

- Experience in AWS: EC2, provisioning of virtualized machines in Linux environments, and domain configuration.
- Experience in managing databases such as MySQL, PostgreSQL and SQL Server.
- Experience developing mobile apps with java in Android Studio and apps using React Native.
- Extensive experience in the development of web sites and applications, with languages such as: C#, PHP, JavaScript, HTML, CSS. As well as the use of different libraries and frameworks such as: Laravel, React Js, Bootstrap, Materialize, JQuery. Layout of functional websites for CMS platforms such as: Wordpress (php).
- I have knowledge in SCRUM framework and also managing repositories using Git.
- Knowledge in the use of the MVC pattern and layered architecture, as well as the development of REST API, GraphQL and WCF services.
- Knowledge in the creation of ETL structures (SSDT) and datawarehouse.
- Knowledge in site construction through Sharepoint.
- Knowledge of POWER BI data visualization and analysis tools, as well as design tools such as Adobe Photoshop and Adobe Illustrator.
- Experience in business administration.
- Enough experience in the financial area environment.



## WORK EXPERIENCE

### Banco Nacional de Costa Rica

Agosto 2016 – Currently

**Position:** Developer Junior Full Stack.

In my current position, I work as a full stack developer, therefore, I must attend to tasks such as database administrator, creation and design of web application architecture and developer. The tools used in this management are: .net, html, css, javascript, jquery, bootstrap, SQL Server, Visual Studio, Azure Devops (git and foundation).

During my management I supported a project already started by another developer, which was quite a challenge, since it was a project loaded with anti-patterns, wrong design in the database structure, and due to time issues, having to adapt to an almost impossible coding to interpret and read, in addition, I was in charge of creating an institutional system from scratch, which today has a traffic of around 1000 revenues per day, cataloged by the same users as the best tool in matters of user experience, functionality, and benefits in terms of reprocessing and return of credit procedures.

### DINTERWEB

2015 – 2016

**Stall:**

- Web sites developer: developing many websites using PHP, HTML, CSS, JQUERY, which turned out to be functional in Wordpress and Drupal (using php as the base language), as well as the use of tracking and analytics tools such as Google Analytics and heat maps.

-

### Freelancer

2017 – Currently

I have developed as a Full Stack Developer with knowledge in the development of solutions mainly in the web environment.

Among the projects I have developed are:

**BUSINESS WEBSITE:**

This a website I developed a company that's is called: Clínica Esperanza. This site was possible witch wordpress technology, but In this case I didn't have to program anything. I only had to create the



server on AWS, install all the features I needed, configure the http server and DNS for the domain, and finally install the SSL certification on the site.

The URL is: <https://clinicaesperanza.info>

## PROJECTS

### PERSONAL WEBSITE:

Application developed under a mini framework in php created by me. For it I relied on the logic implemented in the Laravel world framework. On this site I expose personal information, as well as the demos of the different applications that I have provisioned on Linux machines and online.

The URL is: <https://fabriciovega.com/>

### PASSWHAT:

Application developed for Android with React Native. It consists of the storage of credentials; the passwords are stored duly encrypted and to access them you must use a 2-factor authentication mechanism that will be the only password that the user must remember. This application uses React Native in its Front End and connects to the Back End with an API developed in Laravel.

It is found in the Google app store: [PLAY STORE](#)

### PASSWHAT APP WEB:

Application in a web environment that allows the storage of credentials from different sites.

It allows you to create categories and later store a credential. By the way, this app is my daily friend, I can't remember all the passwords I use in my daily routine and I is not a good practice use the same password and write it in some file on the computer, that's why this application is very useful to me.

The URL is: <https://passwhat.fabriciovega.com/>

### TRACK YOUR MONEY:

Application in a web environment that allows us to implement traceability of the money in our bank accounts.



It allows you to register with Google and Facebook authentication, as well as currencies, categories, accounts, record transactions and view reports graphically.

The site path is: <https://passwhat.fabriciovega.com/>

#### CURRICULUM CREATOR:

Application that allows the user to create a more technological Curriculum Vitae, the user can add, work experience, percentage skills, academic titles, and at the end of the application generates a link that you can share with the person you want.

The site path is: <https://favitae.fabriciovega.com/>

An example of a resume would be:

<https://favitae.fabriciovega.com/curriculum/index.php?action=see&id=1>

#### BN GENERADOR

Web application, using layout with online styles, allows users who use a Corporate Internet Banking of Banco Nacional de Costa Rica, manage their payments more easily. The system generates a file with an .env extension, which later has to be read and validated by the Local Module provided by the BN and this generates a TEST KEY, which will later be uploaded to the Corporate Internet Banking and will proceed to carry out the amount of transfers indicated with their respective amounts and the selected date.

The site path is: <https://generador.fabriciovega.com/>

#### EL FANÁTICO CR:

Web application that allows you to simulate a national football pool.

It allows users to vote on the matches that the system will show them, they have a timer that in case of finishing, the vote will be closed, later an administrator user will load the correct data of the matches and the system will manage the respective points to each voter.

All users will be able to view the leaderboard, showing only the score and the user's name.

The site path is: <https://elfanaticocr.fabriciovega.com/>



### BLACK JACK GAME:

Web application developed with C# web API environment, it creates and in turn consumes an API. Allows the user to play games of Black Jack commonly called: 21

repository located at: <https://gitlab.com/fvega10/black-jack-21-game>

### BODA GYP:

Web application that allows the administrator user to create the data related to a wedding, these will be displayed on the main page of the site, in turn it will allow creating invitations, the system generates a link that can be shared via WhatsApp. The user who receives the link will be able to view the information of their invitation, and will have the option to confirm their designated spaces and view the information of the wedding, redirection by Waze and Google Maps.

The site path is: <https://boda.fabriciovega.com/>

The route of an invitation would be:

[https://boda.fabriciovega.com/invitacion?codigo=\\$2y\\$10\\$rBy5dxveLDfqB5MWvNTvvuyWvrGbABrNucWdlkCi26tQAG75pv35G](https://boda.fabriciovega.com/invitacion?codigo=$2y$10$rBy5dxveLDfqB5MWvNTvvuyWvrGbABrNucWdlkCi26tQAG75pv35G)

### CRUZARA:

Mobile application for both Android and IOS, it is being developed with react native and expo. The application allows you to view a seller's products with their respective prices and the user can contact the seller through an internal chat.

The app sends a push notification when someone receives a new message. It is still in development.

The repository is located at: [https://gitlab.com/fvega10/expo\\_app](https://gitlab.com/fvega10/expo_app)

## EDUCATION

- Currently, Bachelor's degree in Software Engineering, UISIL
- 2021, Bachelor's degree in Software Engineering, Universidad Técnica Nacional



- 2020, Diploma degree in Software Engineering, Universidad Técnica Nacional
- 2014, Bachelor's degree in Business Administration with an emphasis in Banking and Finance, Universidad de San José.

## LANGUAGES

Spanish: Native

English: B2