



Sergio Hidalgo Granados

Systems Engineer

Graduate

Fidélitas University

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Contact



: (+506) 72657605



: shidalgra@gmail.com



: Grecia, Alajuela, Costa Rica.

Personal References



: Computer System Engineer.
Marjorie Guevara.
(+506) 88310341



: Web Developer Engineer.
Guillermo Ramirez B.
(+506) 70189220

Curriculum Web Page



: [Click here](#) ↗

Linkedin Web Page



: [Click here](#) ↗

Languages



: ●●●●● Native.



: ●●●●● A2-B1.

Profile

Summary of qualifications: Professional with a degree in Computer Systems Engineering, taking 5 years in classes and their respective projects taught to me at the University, I obtained basic knowledge of the principles and bases of computing in the topics studied. Providing me with information on agile methodologies such as Cascade, Kanban and Scrum, applying them in the Software Quality Control and multi-platform coding course; I gained experience in the management and development of databases, tools, code languages, web page testing, as well as the creation of mobile applications on different platforms such as: IOS and Android, skills in project management, analysis, planning, implementation and development, problem resolution and retrospective of these. I also had a course that emphasized my training in user interface design. I am a results-oriented, collaboration, communication and team-oriented person, seeking to develop work experience, personal growth and apply what I have learned.

University Experience

Software and Web Development:

FULL STACK DEVELOPER | CONDOMINIOS MARMAT | MAY 2022 – APRIL 2023

- Plan the application throughout the software development lifecycle including requirements gathering, client meetings, agile SCRUM methodology, coding task assignment, and client training.
- Modules developed for condominium catalog, filter by name and location, email contact form, user login with different roles, table maintenance, (CRUD), common area reservation, and alerts for condominium residents. Using .NET, HTML, CSS, Js, C#, SQL, Azure DevOps, RESTful API to interact with the database. Created a chatbot on the Dialogflow platform, pie-type reports with Js.
- links:

[Documentation](#) ↗

[GitHub BackEnd](#) ↗

[GitHub FrontEnd](#) ↗






FULL STACK DEVELOPER | PUERTO DIGITAL | SET 2021 – DEC 2021

- A Port System is created, which makes use of digital tools, advances in technology and innovation that work together to make operations more productive, safe, efficient and profitable
- Modules developed for “Puerto Digital”, Initial registration and login page for entry control with animation, validation and entry control, main page that shows a welcome greeting, and a header with a menu that shows the different pages with their different usage modes, this to make each of them have its responsibility.
- Programming language technology was used such as: HTML, PHP, CSS3, Js, Bootstrap, SQL.
- Necessary programs: VSCode, Xampp(Apache and phpMyAdmin(MySQL))
- links:





[YouTube](#) ↗

[GitHub](#) ↗

Skills

-  : Computer terminals, devices, and communication technologies (ICTs).
-  : Everything related to programming languages.
-  : Quality assurance analyst, attention to detail and proactive, technical knowledge, Analytical skills, Collaboration and communication, Focus on Continuous Improvement.
-  : Relational, non-relational, in-memory, graph and object Databases.
-  : UI, Modeling and Prototyping, User interface, Typography, Theory of color, Scheme, Navigation guide, Accessibility, Affordability.

Academic Titles

-  : Bachelor's Degree in Secondary Education. 
-  : Bachelor's degree in computer systems. 

Certificates

-  : Cisco Certified Network (CCNAv7). 
-  : Scrum Fundamentals. 
-  : Java. 
-  : JavaScript. 
-  : CSS3. 
-  : HTML5. 
-  : Python. 
-  : PHP. 
-  : SQL. 

FULL STACK DEVELOPER | CENTRO DIURNO DE ANCIANOS HATILLO-SAN SEBASTIAN | MAR 2023 – DEC 2023

- Organize tasks and meetings with the client to determine their main interests, which wanted to make an application capable of facilitating the process of sharing the log files with the accountant.
- Coding the necessary logic for a main screen that has a login via email, if you are an admin of the application, you can register a user, users on this main page can log in and recover passwords. Also, within the app there is a filter by name, maintenance (CRUD) of files.
- Implementation of Flutter, Dart, FireBase(NoSQL), GitHub technologies.
- links:

[Documentation](#) 

[YouTube](#) 

FULL STACK DEVELOPER | INVITACION DE BODA | SET 2024 – DEC 2024

- I meet with clients to define their requirements and to find out what their main interests are. These are to create a digital wedding invitation that can be viewed on different devices and that is adapted to them.
- The necessary implementation is done to show the initial message and photo, also, a timer, an infinite photo carousel and a confirmation of attendance are implemented.
- Implementation of Html, Css, Js, GitHub technologies.
- links:

[YouTube](#) 

[GitHub](#) 

TECHNOLOGIES USED:

- ✓ Basic General Software Programming: Web, Applications and Web patterns, programs and games.
- ✓ Data modeling, Access layer, Business logic, back-end and presentation layer.
- ✓ Microsoft Office and Power BI, Chatbot with Dialog Flow.
- ✓ Documentation of requirements, ideas, improvements, recommendations and solutions.
- ✓ Data structures, UX & UI Design: Usability, responsive, attractive content, loading speed, accessibility, interactivity, continuous updating and project implementation.
- ✓ Azure DevOps Services.
- ✓ Asp.Net N-Tier architectures, Asp.Net Framework, Asp.Net Core, Asp.Net MVC Web forms.
- ✓ Use of helpers to speed up and avoid duplicating code in the front-end.
- ✓ Work under pressure and be subject to change.
- ✓ Error Handling, Debugging, Breakpoints: Conditional, Trace, Temporary, Dependent Interrupt.
- ✓ Programming paradigms.
- ✓ Bug fixes and regression testing.

Travel documents



Passport Available.



Licenses: A3, B1, C1.

Hobbies



: The Basketball.



: The Video games.



: Logic and being competent.



: Information and communications technologies.



: Learn everything I can, reading and practicing, not only from the computer, I mean everything that feeds my knowledge.



: My family is mi home, they are my nucleus.



: Go out to eat with my family



: The old cars.



: Jazz music, smooth jazz to be more specific.



: Flora and fauna, ecological reserves, Parks, green areas, rivers, the sea and the ocean, everything about animals.

Programming Languages and Platforms:

Programming languages:

- C#;
- Phython
- Php,
- Html5,
- Css3,
- Java,
- JavaScript,
- React,
- RxJS,
- Go (Golang),
- C++,
- Dart,
- Json,
- Ajax,
- Bootstrap 5,
- GCode.

Programming structures:

- Net Framework 4.7,
- Net Core 8,
- ASP.NET,
- Mvc,
- Angular,
- Flutter,
- Firebase,
- Unity,
- NodeJs.

Tools:

- VSC 2022,
- VSC,
- Postman,
- Git-Hub,
- Swagger,
- Chrome (DevTools),
- Jira,
- Git,
- Apache JMeter,
- MS Office 365,
- IntelliJ,
- Eclipse,
- Power-BI,
- Figma,
- Mock flow
- Flutter-Flow,
- Dialog flow,
- Hub-Spot,
- Favicon,
- Flat-Icon,
- Google Fonts,
- Pencil.
- What Font Is,
- Css3 Button Generator,
- Git-Bash,
- Draw.io.

Servers:

- Azure DevOps Services,
- GitHub,
- Windows LS,
- XAMPP (Apache Web Server),
- Go (Golang),
- Netlify.

Databases:

- ✓ IDEs:
 - **SQL:** Server, Developer, MySQL Workbench, MariaDB.
 - **NoSQL:** MongoDB, Cloud Firestore, Google Cloud.
- ✓ Languages:
 - **SQL:**
 - Store Procedures
 - CRUD
 - Database Backups files.
 - **NoSQL:**
 - Firebase,
 - SQLite (Flutter flow).

Methodology that I have used:

- Scrum.

User Interface Design

- ✓ Definition and creation of color palettes, fonts, typography, presenting basic concepts, ideas and fundamental design solutions to interested parties.
- ✓ Create high fidelity design prototypes to show the appearance of an interface with visual and branding elements included, interactions and micro interactions that will occur in the interface elements such as spacing, fonts, icons, borders, padding, buttons, sliders, toggles, icons, drop-down menus, and text fields.
- ✓ Analyze, improve or modernize the impact on the environment of existing usability and layout changes and ensure that these changes also adapt to multiple devices (Responsive design).
- ✓ Develop and maintain necessary documentation of sketch guidelines for consistent and graphically coherent product development.
Preparation of style guides to achieve a consistent brand identity throughout the company.