Antonio Martinez

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Summary

Dynamic, detail-oriented, bilingual Software Engineer tech architect with 7 years of proven professional experience in developing and designing high impact PHP and JavaScript applications from modern API RESTful programming, interface design and programming, MySQL database design, Cloud deployments, and scalability strategies.

Thanks to time and more than 160 projects successfully developed 100% customized and with a different need, I can say that I have a lot of experience in debugging, planning, programming, and designing very specific functionalities in different development environments and technologies.

Experienced at working on projects at all stages of the Software Development Life Cycle (SDLC) from the idea of development to delivering the completed product. Promoted to positions of increasing responsibility by exceeding overall! performance expectations, outstanding leadership ability.

Experience

Web Developer

Netsoft • San Jose, Costa Rica   03/2013 - 02/2014

Programming of web pages and SOAP APIs in PHP, HTML5, Vanilla JavaScript, dynamic forms, validations, and data handling, sending confirmation emails by SMTP and DB data records, server configuration, and specific XAMP environments with several versions of PHP installations.

Web Developer

PROFI • San Jose, Costa Rica   04/2014 - 02/2017

Development and maintenance of a reservation hospitality system. Programming of custom, WordPress, and Joomla web pages.

Management of the WordPress loop and Programming of plugins and custom modules.

Style programming in CSS. API integrations,

Software Engineer

CIP Reporting • Virginia, United States   08/2016 - 06/2017

Maintenance, updating, and development of large reporting and big data systems in PHP and MySQL.

Software Engineer

Jazz Gaming Solutions • San Jose, Costa Rica   01/2018 - 09/2020

Development of Angular CLI applications latest versions 8 and 9. Design and development of user interfaces in html5 and vanilla javascript. Rest API design from scratch with tokens in PHP 7.x. Writing of custom Queries, functions, triggers, and Stored procedures.

Skills

- AWS
- MySQL
- JavaScript
- Angular
- CSS

- PHP
- Node.js
- TypeScript
- HTML

Languages

- Spanish
- German

- English

B.O.S - Booking Management system.

I was in charge of the development of a reservation system for hotels called B.O.S that is currently operating in Mexico and part of Central America that receives reservations from all over the world.

Besides being the product owner, I was also responsible for writing the code and integrating the following functionalities listed below.

- Design the MYSQL database.

- Write the script that would manage the entry and cancellation of reservations.

- Write the script that would manage the calendar and inventory of the accommodations.

- Encrypt the payment form and Integrate the payment gateway, Paypal and Stripe.

- System of email confirmations by SMTP.

Technologies and versions used for this product.

- PHP 7.0

- MySQL 5.7

- Vanilla JavaScript

- JQuery 3.2

Pay Per Head Calculator.

This project is about a system of reports of money transactions and records of commissions for sale by agents. With 45 different types of reports that have several filtering options.

An obsolete system is written in a version of PHP 5.2 and a template system in HTML 1.0 was successfully migrated to a rest API in PHP with version 7.3 and to an application in Angular CLI version 8 and recently updated to the latest version 9.

I took care of this update by myself with a development duration of 4 months. I used a customizable UI Kit called Nebular which already had some security and authentication components ready which shortened development time.

This UI kit has some materialize tables that I had to replace because these tables and components were not capable of rendering the data so I used ag-grid which is a very powerful JavaScript Grid for handling massive data that is capable of Support a single data load with 100 thousand rows without the browser freezing.

Technologies and versions used for this product.

- PHP 7.3

- SQL Server 13.0

- Angular CLI version 8 and 9

- Windows IIS 10.0