



Melvic Sosa

SOFTWARE DEVELOPER

✉ melvic.sosa@gmail.com

📍 Deltona, FL, United States

☎ 8168908314

Profile

10+ Years Experience Web Developer working with Web Frameworks, Server-Side Solutions & Cloud Services. Skilled UX/UI Design. Enthusiastic about New Tech, Team Collaboration, and Continuous Learning.

Employment History

Software Engineer, Padsquad LLC, Remote

December 2021 — Present

As a Software Engineer at PadSquad, I play a crucial role in both front-end and back-end development, Focusing on elevating our proprietary platform to meet the latest UX/UI standards. My contributions significantly benefit the marketing, creative, and operations teams by enhancing data visualization, reporting, and integration capabilities.

Key Achievements:

- Platform Enhancement: Successfully improved the platform developing new features and modules aligned with contemporary UX/UI guidelines.
- Integration with External Platforms: Streamlined integrations with external platforms like Tableau, enriching the platform's data processing and visualization capabilities.
- Cross-Functional Collaboration: Worked closely with marketing, creative, and operations teams to understand their needs, resulting in targeted and effective platform improvements.

Technical Skills:

- Front-End: Vue.js, Vuex, JavaScript, jQuery
- Back-End: Node.js, MySQL
- Cloud Computing: AWS (Serverless Architecture, Lambda Functions, API Gateway, S3, CloudWatch, Certification Manager)
- Data Visualization: Tableau

User Experience Analyst (UX/UI), The Judicial Branch, Dominican Republic, Remote

March 2020 — January 2024

In my role as a User Experience Analyst, I have been instrumental in elevating the user experience and interface design of internal systems. My responsibilities extend beyond analysis and redesign; I lead the creation, implementation, and maintenance of public web platforms, ensuring they adhere to the latest UX/UI principles, accessibility standards (such as WCAG), and high security standards. This includes the implementation of a custom-made Content Management System (CMS) for public access, designed to enhance user interaction while ensuring compliance with key accessibility principles.

Languages

Spanish



English



Skills

Wordpress



JavaScript



MySQL / MS SQL



AWS/Azure



Git /Bitbucket



HTML & CSS



Links

[Portfolio](#)

[Linkedin](#)

[Behance](#)

Key Achievements:

- **Web Platform Development:** Spearheaded the development of public access websites with fully customized design systems, focusing on user experience and security.
- **Virtual Machine Management:** Led the configuration, maintenance, and security updates of virtual machines, ensuring continuous optimization and safety.
- **SharePoint Intranet Implementation:** Played a pivotal role as Lead Designer and Developer in the implementation of SharePoint intranet, enhancing internal communication and collaboration.
- **Government Certifications:** Contributed significantly to the team's success in achieving NORTIC A2, NORTIC E5, NORTIC B2 Certifications from OGTC.

Technical Skills:

- Web Development: PHP, WordPress, jQuery, Figma
- Databases: MySQL, SQL Server
- Cloud Computing and Operations: Microsoft Azure, IIS, Windows Server, Manage SSL Certificates
- Collaboration and Management: SharePoint Administration

Database Analyst, 9--1-1 (Dominican Republic National Emergency and Security System), Distrito Nacional, Dom Rep.

January 2019 — August 2022

Database Administration in SQL Server, MariaDB, MySQL. In my role, I focused on developing and implementing databases and data collection systems, optimizing statistical efficiency and quality. My responsibilities included implementing high-speed transaction recovery techniques, ensuring data backup, and minimizing downtime. I actively managed database parameters for fast query responses and enforced database policies, procedures, and standards. Regular tests ensured data security, privacy, and integrity. Additionally, I monitored performance, applying necessary patches and updates, and managed troubleshooting for various database issues. My expertise extended to handling backups, restores, replication, and working with SQL Server Reporting Services and Microsoft Power BI Report Server.

WebMaster, 9--1-1 (Dominican Republic National Emergency and Security System), Distrito Nacional, Dom Rep.

March 2016 — January 2019

As a Webmaster from Mar 2016 to Jan 2019, I specialized in developing websites and software applications using various languages and tools. My key responsibilities included website updates, backups, troubleshooting, and ensuring adherence to industry standards. I focused on understanding user needs through technical analysis, maintaining and configuring servers, enhancing site security, and optimizing website performance. Additionally, I was responsible for debugging, content updates, SEO review, and monitoring site performance metrics like traffic and conversions.

Rich Media Developer and Designer (PageGrabber), Theorem, LLC, Distrito Nacional, Dom Rep.

February 2013 — March 2016

In my role at Theorem, LLC, I was responsible for creating innovative HTML5/JavaScript digital ads, managing projects from conception to delivery, and collaborating on design for multiple platforms. I utilized JavaScript frameworks like jQuery and Greensock for

enhanced interactivity and function, ensuring a user-friendly experience on web, tablet, and mobile devices.

Skills: ActionScript · After Effects · Flash · jQuery · JavaScript · Google Web Designer

Education

Multimedia Technologist, Technological Institute of the Americas, Santo Domingo

2009 — 2012

Systems Engineering, Universidad del Caribe

May 2017

Courses

MongoDB Node.js Developer Path, MongoDB University

December 2023

Principles of Secure Coding, University of California, Davis by Coursera

October 2022

IT Security: Defense against the digital dark arts, Google by Coursera

September 2022

Node.js Backend Basics with Best Practices, Coursera

September 2022

AWS Fundamentals: Building Serverless Applications, AWS by Coursera

August 2022

Deploy a Wordpress Website in AWS EC2, Coursera

August 2022

AWS Cloud Technical Essentials, AWS by Coursera

August 2022

Learn Vue.js, Codecademy

August 2021

Learn Asynchronous JavaScript, Codecademy

June 2021

Learn JavaScript ES6, Codecademy

June 2021

Analyzing and Visualizing Data with Power BI, Microsoft by Teorema

February 2020

Learn SQL, Codecademy

May 2019

Querying Data with Transact-SQL, Microsoft by Teorema

2019

Developing Microsoft SQL Server Databases , Microsoft by Teorema

2019

Planning and Administering SharePoint 2016, Microsoft by TecKnowLogic

2018

Certifications

CS50x - Introduction to Computer Science, Harvard University

January 2022

Cyber Security Foundation Professional Certificate (CSFP), CertiProf

2022

Linux Essentials, Linux Professional Institute (LPI)

2022

Microsoft Certified: Azure Fundamentals, Microsoft

2021

Scrum Foundation Professional Certificate (SFPC), CertiProf

2020