

# ISRAEL MORALES

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## PROFESSIONAL SUMMARY

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As a Frontend Engineer, I have over a decade of experience in developing scalable web applications using **React**, **Next.js**, **TypeScript**, **Node.js**, and **AWS**. I possess expertise in integrating backend systems using **PHP** and microservices, optimizing performance, and creating interfaces that are both responsive and user-friendly. I have proficiency in testing and monitoring using tools such as **Jest**, **Sentry.io**, and **Hotjar**. I have gained experience using contemporary tools like **Webpack**, **Docker**, and **MySQL**, and I possess strong problem-solving, leadership, and communication skills.

## WORK EXPERIENCES

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### FRONTEND ENGINEER

*SaavyCard*

2016 - 2024

- The project involved migrating a legacy CodeIgniter **PHP** application to **Next.js** and restructuring **PHP** components into microservices using **AWS Lambda** and **Node.js** to improve scalability and performance.
- I developed a front-end architecture using **React**, **TypeScript**, **Apollo Client** for state management, and **GraphQL** via **AWS AppSync** within the **Next.js** framework, optimizing server-side rendering (SSR) and ensuring security.
- I have implemented automated testing and monitoring solutions, utilizing **Jest** for unit tests, **Hotjar** for user behavior analysis, and **Sentry.io** for error tracking and real-time alerts.
- I have collaborated on UX improvements through user behavior analysis, providing actionable solutions for redesigning underperforming components.
- I managed data presentation and integration using **PHP** in CodeIgniter and **PHP Plates**, ensuring smooth communication between the backend and frontend.
- I have worked with **SCSS**, **Gulp**, and BEM methodology for **CSS** organization and utilized **JS-in-CSS** for **React/Next.js** applications, with experience in **Pug** for templating.

### WEB DEVELOPER

*Leeward Interactive*

2017 - 2018

- I have developed and maintained responsive, user-friendly web applications using **WordPress**, ensuring seamless integration of client needs and business goals.
- I have designed and developed custom templates with **Gulp** task automation, leveraging **SCSS**, **JavaScript**, and **Pug** (Jade) for efficient, high-quality code delivery.
- I worked closely with clients to deliver tailored web solutions, ensuring that projects met specific business objectives and user requirements.
- We have enhanced the site functionality and performance through the use of **CSS**, **JavaScript**, and **PHP**, ensuring fast load times and an improved user experience.

### FRONTEND DEVELOPER

*Lightmaker*

2015 - 2016

- I collaborated with UX/UI teams to discuss and implement web page designs. I utilized **Photoshop** and **Illustrator** to extract design assets and apply them to templates. I created complete templates by automating tasks with **Gulp**, and then rendered them using **Pug** (Jade), **SCSS**, and either **CoffeeScript** or **JavaScript**. We integrated these templates into content management systems such as Sitecore, WordPress, and Drupal.
- I have built responsive single-page applications (SPA) using **AngularJS**, ensuring high performance and maintainability.
- I have developed standalone projects with **Video.js**, focusing on media player integration and customization.
- I conducted code reviews to maintain high standards, improving project efficiency and team productivity by ensuring quality and adherence to best practices.

## PHP WEB PROGRAMMER AND FRONTEND DEVELOPER

*iTTCOOP*

2014 - 2015

- I have collaborated with clients to gather requirements and develop functional web pages and applications using **HTML**, **CSS** (or Bootstrap), and **JavaScript** (or **jQuery**), ensuring responsive, user-friendly interfaces.
- I have built and maintained robust applications with CodeIgniter **PHP**, adhering to clean coding practices and best standards.
- I have designed, managed, and optimized **MySQL** databases, written efficient queries, managed schemas, and integrated dynamic content through **PHP** template libraries for seamless functionality.
- I have conducted regular maintenance and updates to ensure the stability, scalability, and performance of existing projects.

## JUNIOR PHP WEB PROGRAMMER

*iTTCOOP*

2012 - 2014

- Gather requirements to align development with client goals and expectations.
- I have developed responsive web solutions using **PHP**, **HTML**, **CSS**, and **jQuery**.
- I have designed effective web pages, integrating server-side data for seamless functionality.
- I have contributed to team projects by implementing and testing core features for high performance and reliability.

## EDUCATION

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### MASTER'S DEGREE IN COMPUTER SCIENCE

*Interamerican University of Puerto Rico*

### BACHELOR OF SCIENCE, COMPUTER SCIENCE

*Interamerican University of Puerto Rico*