

Jorge Allan Paz Garza

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Portfolio: <https://allan-portafolio.vercel.app/>

Professional Profile

I am a mechatronics engineer with extensive experience in project management and web development. I have over a year and a half of experience in PHP and a deep experience in TypeScript, JavaScript, and frameworks like React, Next.js, Node.js, and Three.js. I specialize in developing responsive, scalable, and efficient web applications. I am currently expanding my programming knowledge by taking the CS50 course on Introduction to Programming with Python and actively working on a personal project building a real-time application similar to Slack using Next.js, React, TailwindCSS, Convex, MongoDB, and Auth.js. My passion for technology and continuous learning drives me to stay updated with the latest tools and trends in web development, AI, and machine learning.

Academic Background

- **Mechatronics Engineering**
Universidad Tecnológica de Hermosillo, Son. Mexico
 - **Associate Degree in Electronics and Automation**
Universidad Tecnológica de Hermosillo, Son. Mexico
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Additional Training

- CS50: Introduction to Programming with Python (In Progress)
- HTML5 and CSS3 from Basic to Advanced - Udemy
- Master in JavaScript: Learn JS, JQuery, Angular, Node.js - Udemy
- The Ultimate SEO Training 2023 + SEO for WordPress Websites - Udemy

- Responsive Web Design Certification - freeCodeCamp
 - JavaScript Algorithms and Data Structures Certification - freeCodeCamp
 - AI and Machine Learning (informal)
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Skills

- **Web Development:** HTML5, CSS, JavaScript, React, Next.js, PHP, WordPress, WooCommerce, Elementor, MySQL, MongoDB, Strapi, Kinde, Prisma, NextAuth, Tailwind CSS, Three.js, Framer Motion, REST API.
- **Software:** Windows, Microsoft Office, Adobe Photoshop, Adobe Illustrator, Figma, Git, GitHub, WampServer64, LabVIEW, tesk.com.
- **AI & Machine Learning:** Integration of LLMs using Huggingface, AI/ML personal projects.

Languages: Advanced English (conversational, writing, reading).

Social Media and Communication:

Facebook, Twitter, LinkedIn, Discord, Skype, ZOOM

Languages:

Advanced English (conversational, writing, and reading)

Professional Experience

Full Stack Developer – 1UP Web Designs

Hermosillo, Son. | Since December 2020

- Developed frontend and backend web projects and applications using a wide range of technologies to implement within websites and web applications as requested by different clients.

Web Designer/Developer - Freelancer

Hermosillo, Son. | Since December 2017

- Led web design and development projects, providing digital solutions to clients with a strategic focus on growth.

Budget and Quotation Preparation / Administrative Support - Freelancer

Hermosillo, Son. | Since December 2016

- Prepared budgets and quotations for two companies, providing administrative support in tasks such as invoicing, data entry, and file organization. Also offered computer maintenance services.

Institutional Linkage Coordinator - Instituto Sonorense de Educación para el Adulto

Hermosillo, Son. | October 2015 - December 2019

- Established and managed agreements with government institutions and companies to provide educational services, overseeing the execution and follow-up of agreements.

Project Supervisor - Proyectos y Obras Especializadas S.A. de C.V.

Hermosillo, Son. | February 2013 - September 2016

- Directed budgeting, administration, and supervision of projects with an emphasis on earthworks and leveling.

Installation and Programming Technician - IGATEK

Hermosillo, Son. | February 2011 - September 2015

- Participated in the creation of LED screens for businesses using LabVIEW and performed cleaning and installation of bird repellent systems on Telcel antennas. Also contributed to web programming.

International Experience - IHOP

Tucson, Arizona | February 2009 - May 2010

- Performed multifunctional roles as a waiter, cashier, and night shift manager. Acquired skills in management, accounting, and personnel management in a dynamic environment.

Computer Technician – PC Gamers

Hermosillo, Son. | January 2006 – December 2008

- Provided basic computer maintenance and repair services. Also assembled specialized gaming (video games) and design computers.
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Featured Projects

Educational Platform Development with AI/ML:

- Implemented large language models (LLMs) using Huggingface to create interactive tools for transcription and translation.

Web Project Management System:

- Created a comprehensive system for managing web development projects, optimizing team collaboration and efficiency.

E-Commerce Integration:

- Developed and integrated e-commerce solutions using Shopify, WooCommerce, and other frameworks.
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Conclusion

My professional trajectory is focus on a wide range of technical and management skills, complemented by a strong focus on continuous learning and adopting new technologies. I am seeking opportunities that allow me to apply and expand my knowledge in AI and web development, contributing to the success and innovation of the organization.