



# Manuel D. Alfaro

Software Developer

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## About me

As an IT professional with a strong background in web development and software engineering, I excel in creating effective web applications using Ruby on Rails, Python, and JavaScript. My education in computer science, combined with hands-on experience in various tech areas, has honed my problem-solving skills and passion for development.

Skilled in both front-end and back-end development, I focus on user-friendly designs and effective database management with SQL, MySQL, and MongoDB. My commitment to learning is evident in my certifications in Scrum, Git, GitHub, and cloud technologies.

I am dedicated to developing software that makes a real difference. I value clean, maintainable code and thrive in brainstorming and designing solutions for real-world challenges. With strong communication skills in English and Spanish and a collaborative approach, I am keen to join a dynamic team, contribute to impactful projects, and continue growing professionally and personally.

## Personal Interests

In addition to my professional interests, I have a long-standing passion for video games, spanning over 30 years. This hobby not only served as a source of enjoyment but also played a significant role in developing my English language and programming skills. Engaging with a wide variety of game genres has enriched my analytical abilities, problem-solving skills, and understanding of interactive technology. This experience has been instrumental in fostering a diverse skill set and creative mindset that I bring to my professional endeavors.

## Courses and Certifications

- 2018 - Ruby on Rails Certification (En1Mes/Pre-DesafioLatam)
- 2022 - Certificate in IT Fundamentals and Programming (ProgrammingHub)
- 2023 - Certificate in Grouped Data, Insertion, Editing, and Deletion of Records in SQL (DesafioLatam)
- 2023 - Computer Science Fundamentals (IPP, Associate degree)
- 2023 - Scrums Fundamentals (ScrumStudy)
- 2023 - Git Basics and Github (DesafioLatam)

## Education

2008-2010	Analyst Programmer Associate(Incomplete) Courses in software development and programming.	DuocUC
2012-2015	Translation ENG-ESP Associate Specialized in technical translation.	IPVC
2020-2023	Computer Science Associate Focused on software engineering and data management.	IPP

## Technical Skills

- Programming Languages: Proficient in HTML, CSS, JavaScript, Python, Ruby on Rails, Java.
- Frameworks: Experience with VueJS, Bootstrap, React.
- Database Management: Skilled in SQL, with practical experience in MySQL and MongoDB. Basic knowledge in Firebase and Oracle.
- Cloud Platforms: Familiarity with AWS, Google Cloud Platform, Azure.
- Containerization and Orchestration: Basic understanding of Docker and Kubernetes.
- CI/CD: Knowledge of continuous integration and deployment processes.

## Professional Experience

2015 – Present	Independent Technical Service	Owner and main Technician at Malfaland
	Providing hardware and software repair and maintenance services to individual clients and businesses. This includes OS installation, troubleshooting and repair, network configuration, and IT consulting.	

## Projects

since 2015	Independent technical service to companies and startups.
2018	Development of a Pinterest-style Web Application in Ruby on Rails.
2020	Web Development on Github Pages.

## Personal Projects

2021	Development of Project Malfaland.
2022	Redesign of Malfaland using Wordpress.
2023	Re-redesign of Malfaland using Bootstrap.