Tony Rodríguez

Software Engineer

CONTACT

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ABOUT ME

I am a full stack software engineer who recently graduated from General Assembly, after several years leading projects and running client-centered businesses in real estate and construction. At GA I built four complete applications, including TradeLab, which was highlighted by my instructor as one of the best projects he had seen. What drives me most is using code creatively to solve problems: looking beyond the obvious, understanding what people really need, and turning that into innovative, practical solutions. I bring curiosity, creativity, and a collaborative spirit to every project, and I am excited to keep growing as an engineer while building products that genuinely improve the way people live and work.

SKILLS

Languages: JavaScript, Python, SQL, CSS3
Frameworks & Libraries: React, Node.js, Express, Django, MongoDB, PostreSQL, Jsx, JWT
Tools: Git, GitHub, REST APIs, Netlify, Heroku, Agile/Scrum, Postman, CLI/Unix, TDD, Cloudinary
Soft Skills: Creativity & Innovation, Problem-Solving, Collaboration & Teamwork, Adaptability, Project management, Leadership, Client Relations, Strategic Thinking, Negotiation & Conflict Resolution, Planning & Priorization. Time Management, Attention to Detail.

INTERESTS

I am passionate about projects that put people first: whether through technology, design, or community. I enjoy exploring how digital solutions can make everyday life easier and more enjoyable, while also taking interest in wellbeing, creativity, and personal growth. My goal is always to combine innovation with a genuine desire to improve people's lives.

General Assembly

Jun 2025 - Sep 2025

Software Engineer Graduate

- Completed immersive full-time training in full-stack web development.
- Built 4 projects (solo and group) applying agile workflows, Git version control, and modern stacks.

Selected Projects:

- TradeLab | React, Django, PostgreSQL – Trading backtesting platform integrating external data and optimized datasets; recognized by GA instructors as one of the best projects.
- Re-Lux | React, Node.js, MongoDB – Luxury second-hand e-commerce app with authentication, shopping cart, and image management.
- BuildApp | MEN stack – Platform connecting clients with construction professionals; implemented authentication, profiles, and responsive UI.
- Tetris | JJavaScript, HTML, CSS – Solo project recreating the classic game with DOM manipulation and JS logic.

Total Homes (*@totalhomes.es*)

2019-2025

Founder & CEO

- Founded and managed a boutique construction and renovation company, delivering high-quality residential projects.
- Led cross-functional teams, budgets, and timelines from concept to delivery.
- Known for creativity and client focus: translated customer needs into innovative, functional designs.
- Developed digital workflows to improve transparency and efficiency in projects.

Casex O.I., Barcelona (*www.casex.es*)

2003-2019

Project Manager

- Managed residential projects, budgets, and client relationships.
- Oversaw sales strategies, market studies, and new client acquisition.

EDUCATION

2025	**Software Engineering Bootcamp** General Assembly 420 hours
2019 - 2020	**Certified Passive House Consultant & Tradesperson** Energiehaus Arquitectos / PassivHaus Institut
2001 - 2003	**Architecture (coursework completed)** Universitat Internacional de Catalunya
1983 - 1996	**High School Studies (Bilingual English/Spanish) & Proficiency Certificate** American School of Barcelona