



Sergio García Muñoz

Software Engineer

Experience

Software QA Automation Engineer – Zennio

June 2024 – Present

- Develop internal tools in JavaScript and TypeScript to automate validation workflows, eliminating manual overhead and ensuring environment reproducibility through code.
- Design and implement CI/CD pipelines to automate test execution and optimize engineering workflows.
- Integrate performance metrics into Grafana and Prometheus to support software stability and monitoring under high-load conditions.
- Created and integrated over 200 automated tests into deployment pipelines, reducing manual intervention in every release.
- Collaborate directly with development teams to detect defects before production, optimize delivery pipelines, and improve release stability.

Web Administrator – El Obrador del Jamón

September 2023 – April 2024

Web Administrator – Junior empresa Eboratic

November 2022 – June 2023

Contact

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Talavera de la Reina

in/sergiogarciiam

github.com/sergiogarciiam

sergiogarciiam.hashnode.dev

Skills

Languages & Databases

HTML, CSS, JavaScript, TypeScript, Node, Python, SQL, MongoDB

Libraries & Frameworks

React, Angular, Express, Mongoose, Jest, Cypress, Tailwind CSS, Expo, React Native, Next.js, Astro

Tools & Platforms

Linux, Docker, Git, GitHub, GitLab, Vite, Figma, WordPress, Postman, Grafana, Prometheus, Docusaurus

Soft Skills

Communication, Teamwork, Responsibility, Time Management

Languages

Spanish: Native

English: B2

Education

Master's in Strategic IT Management – UCLM

October 2024 – July 2025

Bachelor's Degree in Computer Engineering – UCLM

November 2020 – June 2024

- Developed projects using JavaScript, TypeScript, React, Node.js, Express, and Python, applying rigorous software engineering principles.
- Participant in the *Entrepreneurship Hackathon* in Greece, [achieving second place with my team Screen Breaker](#) and receiving multiple recognitions: from the [President of Castilla-La Mancha](#), the [Rector of UCLM](#), and the [City Council of Talavera de la Reina](#).

Projects

Auxo – 2026

<https://github.com/sergiogarciiam/auxo>

A strength training application built with React Native and Expo. It allows users to structure routines through blocks, exercises, sets, and rest intervals. Built for intentional lifters who want an efficient tool that stays out of their way.

Pipeline Mapper – 2025

<https://marketplace.visualstudio.com/items?itemName=sergiogarciiam.pipeline-mapper>

A VS Code extension to visualize and debug GitLab CI pipelines locally, preventing wasted time waiting for remote CI runs just to verify configuration syntax.

DynaViz – 2025

<https://github.com/TFG-SGM/dynaviz>

A web application for pathology diagnosis via movement analysis, focusing on fibromyalgia. Developed as my Bachelor's and Master's thesis at UCLM, it belongs to the DIPAMIA research project in collaboration with medical centers across Castilla-La Mancha and Catalonia.