

Derwin Andrés Vacca Ropero

Systems Engineer

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LinkedIn | GitHub

Education

Francisco de Paula Santander University
Systems Engineer Professional

Ocaña, Colombia
2020 - Present

Alfonso López Technical Institute
Administrative Assistance Technical Bachelor

Ocaña, Colombia
2017 – 2019

Experience

World Poss Solutions | Tester QA

Ocaña, Colombia | March, 2025 - December, 2025

As a Quality Assurance Tester at World Poss Solutions, my role was to ensure the technical integrity and superior quality of the software solutions developed by the company. Using a rigorous methodology, I was responsible for verifying and validating all products, ensuring their alignment with functional requirements and client expectations.

Skills

- Programming Languages: Python, Java, PHP, JavaScript
- Libraries/Frameworks: Angular, Vue, Flutter, Astro, Django, Tailwind, Laravel
- Tools / Platforms: GitHub, Jira, VS Code, Cursor, GNU/LINUX, Ubuntu Server, SCRUM
- Databases: Postgresql, MySQL, MongoDB

Projects / Open-Source

- Biblioteca Saber Athena | [Link](#) JavaScript, CSS, PHP, Laravel, Blade, SCSS
- Autotronicars_soa | [Link](#) Angular, TypeScript, HTML, CSS
- English-ai-learning-app | [Link](#) Flutter, Dart, C++, CMake, Swift, C, HTML, Kotlin, Objective-C
- Agrigest | [Link](#) Angular, SCSS, TypeScript, JavaScript, HTML, Mongo, Express

Certifications

- Data analysis - Ministry of Information and Communications Technologies
- Git and GitHub - Platzi
- Cybersecurity - Ministry of Information and Communications Technologies and Francisco José de Caldas District University
- Database Foundations - Oracle Academy
- Cloud administrator - Carlos Slim Foundation

Honors & Awards

- First place in the minisumo pro category at the UT Bot Robotic People Fest Cartagena in the 2024 edition
- First place in the university classroom projects 2023 I fair for the development of a web platform for the management and incentive of recycling in urban communities