

# Carlos Andrés Montero Moreno

Junior Software Developer | Computer and Information Engineer

Quilpué, Chile

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Portfolio: <https://zamoxv.github.io/cv-carlos-montero/>

GitHub: <https://github.com/zamoxv>LinkedIn: <https://linkedin.com/in/carlosmontero-dev>

## Professional Summary

Junior Software Developer with hands-on experience building web applications and REST APIs using JavaScript and TypeScript. Currently developing a backend system with Node.js (Express) and PostgreSQL, implementing CRUD functionality and clean code practices.

Over 10 years of experience working with critical systems in the energy industry, contributing strong problem-solving skills, analytical thinking, and technical documentation to software development teams.

## Technical Skills

- **Languages** — JavaScript (ES6+), TypeScript, HTML5, CSS3
- **Backend** — Node.js, Express.js, REST APIs, PostgreSQL
- **Frontend** — DOM Manipulation, Fetch API
- **Tools** — Git, GitHub, GitHub Pages, VS Code
- **Concepts** — CRUD operations, service layers, environment variables

## Projects

- **Task Manager CRUD Application**
  - Web-based task management application built with JavaScript.
  - Full CRUD functionality with LocalStorage persistence.
  - State management and dynamic DOM updates with focus on maintainability.
- **Rick & Morty API Explorer**
  - Single Page Application consuming a public REST API using Fetch API.
  - Dynamic rendering, pagination, and basic error handling.
- **Online CV Website**
  - Personal portfolio website built with HTML, CSS, and JavaScript.
  - Responsive design and deployment via GitHub Pages.

## Professional Experience

- **Process Operator — ENAP Aconcagua**

2016–2025 | Concón, Chile

Monitoring and control of critical industrial systems, real-time problem resolution, technical documentation, and collaboration with multidisciplinary teams.

- **Process Control Technician — UTFSM (CCTVal)**

2013–2014 | Valparaíso, Chile

Advanced polishing work for particle accelerator research projects, quality control, and technical precision tasks.

- **Electronics Technician — Sensar Ltd.**

2010 | Valparaíso, Chile

Maintenance of electronic security and fire prevention systems.

## Education

- **Universidad Andrés Bello (UNAB)** — Computer and Information Engineering (Engineer), 2022
- **DUOC UC** — Technical Degree in Electricity and Electronics, 2014

## Languages

- Spanish (Native)
- English (Professional Working Proficiency, TOEIC)