

DIEGO GONZÁLEZ MORENO

CIVIL ENGINEER IN COMPUTER AND INFORMATION SCIENCES

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PROFESSIONAL PROFILE

Passionate about building scalable and efficient systems, with proven experience in projects that optimize processes and generate measurable value.

My goal is to apply my knowledge and skills in a professional environment to contribute to the development of effective technological solutions.

WORK EXPERIENCE

Full Stack Developer, Catholic University of the North April 2025 – Present

Responsible for maintaining and enhancing the student management system using **React**, **Express.js**, and **MongoDB**.

- Developed new user-requested features, streamlining internal processes by **30%**.
- Reduced production incidents by **16%** through preventive maintenance and refactoring of critical modules.
- Optimized the interface and navigation, improving the system's overall usability and user experience.

Full Stack Developer – Thesis Project August 2024 – December 2024

Hospital San Pablo de Coquimbo

Designed and developed a platform for managing out-of-hospital patient transfers using **Vue.js**, **Nest.js** y **SQL Server**.

- Reduced labor hours required for reporting by over **50%**.
- Optimized key management processes, lowering administrative workload by more than **35%**.
- Decreased paper usage by **75%**, contributing to the hospital's sustainability efforts.

Full Stack Developer – Internship – Autofact January 2024 – March 2024

- Implemented new features in the report generation engine.
- Ensured best practices, helping reduce technical debt and improve code quality.

ACADEMIC BACKGROUND

Bachelor of Science in Engineering and Professional Degree in Computer and Information Engineering

March 2020 – December 2024

Catholic University of the North, Coquimbo

TECHNICAL SKILLS

- Frontend:** HTML, CSS, Next.js, Vue.js, React, Tailwind CSS.
- Backend:** Nest.js, Express.js, GraphQL.
- Databases:** SQL Server, MySQL, PostgreSQL, MongoDB.
- DevOps:** Docker, CI/CD, Git, RabbitMQ.

LANGUAGES

- Languages:** Native Spanish, English B2.