

Loreto Ñancucheo Contreras

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Civil Engineer in Computer Science with solid experience in software development. My main area of expertise is the design and implementation of software solutions, and I have a strong interest in cloud computing and artificial intelligence, where I aim to keep growing and contribute value to high-impact projects.

PROFESSIONAL EXPERIENCE

Getdata
Full Stack Developer

Santiago, Chile
August 2025 – Present

I worked on different projects using a wide range of technologies. I contributed to backend development by implementing services and business logic both in pure Java and in Spring Boot. I developed responsive and intuitive user interfaces in Angular, integrated with RESTful APIs. I collaborated in testing and continuous integration using Bamboo and Sonner. I also participated in projects as part of an Agile/Scrum team, working with Jira and Bitbucket.

Cat Lotus
Software Engineer

Santiago, Chile
April 2025 – Present

I designed and developed a web application with Next.js for the frontend and NestJS for the backend, supported by a MySQL database. I implemented OAuth authentication and role-based access control to securely manage user permissions. I deployed the application on AWS using EC2 for the application server. I also designed the user interface and user experience in Figma to build a frontend that is both adaptable and accessible.

Universidad Diego Portales
Teaching Assistant

Santiago, Chile
March 2024 – Present

I provided support in the courses of Operating Systems, Organizational Management, Artificial Intelligence, Databases, Web Development, Probability, and Software Engineering through weekly sessions, preparation of teaching materials, answering questions, and grading assignments and exams. I ensured that students understood the key concepts and offered academic support whenever it was needed.

Corfo
Professional Internship in Development and Innovation

Santiago, Chile
December 2024 – March 2025

I developed a Sustainability Indicators Model (MIS) using AI techniques such as BERT, TF-IDF, and Sentence-BERT to analyze project data, classify it into SDGs, targets, and indicators, and generate eco-equivalencies. I implemented the backend in Python with Flask, designed the frontend in Figma, and partially developed it in React. In addition, I created an alert system in Python that produced Excel reports with detailed information and sent them by email to executives.

Dyatec
Web Developer

Santiago, Chile
September 2023 – December 2023

I developed a Sustainability Indicators Model (MIS) using AI techniques such as BERT, TF-IDF, and Sentence-BERT to analyze project data, classify it into SDGs, targets, and indicators, and generate eco-equivalencies. I implemented the backend in Python with Flask, designed the frontend in Figma, and partially developed it in React. In addition, I created an alert system in Python that produced Excel reports with detailed information and sent them by email to executives.

Additional experiences available at: loretonancucheo.com/experience

EDUCATION

Universidad Diego Portales
Master’s in Engineering Sciences with a specialization in Computer Science

Santiago, Chile
March 2025 - Present

Universidad Diego Portales
Civil Engineering in Computer Science and Telecommunications
Honor Distinction for academic performance

Santiago, Chile
March 2021 - Present
2024 and 2025

ADDITIONAL SKILLS

Programming Languages: Python, JavaScript, TypeScript, Java, C/C++, SQL, HTML, CSS.
Databases: PostgreSQL, MySQL, MariaDB, SQLite, MongoDB, PL/SQL.
Frameworks: Next.js, NestJS, React, Express, Vue.js, TensorFlow, Django, Flask, Spring Boot, Angular.
Tools: Docker, Git, AWS, GCP, Jira, Figma, Bamboo, Postman, GitHub, Bitbucket.
Languages: Spanish and English.