Emilio Díaz Bustos

Bachelor of Engineering Sciences — Civil Engineering Student in Computing and Informatics

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Summary

Civil Engineering student in Information Technology and Computing with solid training in software development and information technologies. I excel in software design, programming, leadership, and effective communication. Passionate about technological innovations, I seek challenging opportunities to contribute innovative solutions.

Experience

- **Tutor/Assistant**, Universidad Católica del Norte (2020)
  Introduction to Engineering II Project Assistantship: Development and Management of Video Game Projects in Unity with C#.

- **Private Tutor**, Self-employed (2019 - present)
  I teach private classes in programming, mathematics, and physics to students of basic, secondary, or higher education.

Education

- **Bachelor of Engineering Sciences**, Universidad Católica del Norte
  Civil Engineering in Computing and Informatics, Software Development and Architecture.

- **Colegio Los Carrera**, Generation 2013
  Completed secondary education.

Competences and Skills

- **Backend Development:** Java, Python, Node.js, Go, NestJS, TypeScript

- **Frontend Development:** HTML, CSS, JavaScript, TypeScript, React, Tailwind, Next.js

- **Databases:** PostgreSQL, ORM

- **DevOps:** Docker, Kubernetes

- **Version Control:** Git

- **Languages:** Spanish (Native), English (Intermediate)

- **Communication and Leadership:** Excellent skills in team coordination and project management.

Projects

- **Comprehensive Management System for Health Care Centers:** NestJS, Next.js, Tailwind, GraphQL, PostgreSQL, Docker, Kubernetes, GitLab, Google Cloud Platform.

- **Ecommerce for Japanese Manga Sales:** Microservices architecture using NestJS, Go, Next.js, Tailwind, GraphQL, RabbitMQ, PostgreSQL, TypeORM, Docker, GitHub.

- **Project and incident tracking for Android:** React Native App for Android. Microservices arquitecture with NestJs, RabbitMQ, PostgreSQL, TypeORM, Docker and GitHub..

- **Web System for Inventory and Catalog Management for Feline Gift Store:** Collaborated with a community partner using React, PHP, PostgreSQL, GitHub.

- **Landing Page for Kinesiology Care at home:** With HTML, CSS, Bootstrap, JavaScript and PHP.