Daniel Ignacio Rivera Toloza

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About Me

I am a **Software Engineer** with extensive experience as a **front-end** web developer with wide knowledge of tools and frameworks such as React, Node, Angular. etc. I also have relevant experience working as a **full-stack** developer in *Software Factory* companies that have placed me on the first line of agile development. With a Computer Science background, I am all about problem solving, code optimization and continuous learning, as well as collaboration in challenging projects in cross-functional teams.

Education

2010 - 2017	**Civil Engineer with mention in computer science**	Santiago, Chile
	Federico Santa María Technical University (UTFSM)	
	- BSc Thesis Project: "Incremental Topic Modeling with Time Sensitive Descriptors"	
2016	**Certificate Course in Machine Learning**	Online certified course
	Stanford University	

IT Skills

- Front-end Software Development
- Back-end Software Development
- UX Design Systems
- REST API
- E2E Testing

Skill	Level	Skill	Level
JavaScript	●●●●●	**PostgreSQL**	●●●●○
NodeJS (Express, Koa)	●●●●○	**StoryBook UI**	●●●●●
TypeScript	●●●●○	**React + Redux**	●●●●●
Python	●●●●○	**GraphQL**	●●●○○
C++	●●●○○	**Cypress (E2E)**	●●●○○

Languages

Language	Level	
Spanish	●●●●●	(Mother tongue)
English	●●●●○	

Experience

2023 - 2025   **Full-stack Developer**   **Captego**

At my first job in Denmark, I was responsible for maintaining and developing both the legacy project and the new version of the web application, taking care of the development of features and fixing the pending legacy issues in a high-performance environment, where speed and smart ways to handle big amounts of data were an essential requirement.

Tasks

- React App development & integration.
- Build UI Interfaces.
- Legacy Code maintenance.

Skills

- Understand client's needs and develop proper features.
- Algorithm improvement and performance improvement for file generation.
- Collaboration with teams of multiple nationalities .

2020 - 2023   **Front-end Developer**   **Beetrack (DispatchTrack)**

As a Front-end developer in Beetrack, I was in charge of the development and maintenance of multiple web applications in a cell-based product development team under an agile methodology, in addition to the creation and integration of our own *Design System*, focusing on reusable components and the branding of the company.

Tasks

- React App development.
- REST API integration.
- Building and maintenance of UX Design Systems.

Skills

- Understand client's needs and develop proper features.
- Code improvement and standardization across multiple products.
- Collaboration with cross-functional teams.

2018 - 2020   **Full-stack Developer**   **Nursoft**

As a full-stack developer, I refined my skills to work in a fast-paced team focused in agile development, while improving my ability of continuous learning according to the needs of the project and/or the team. This experience gave me the opportunity to fully understand, in all its edges, what modern software development involves.

Tasks

- Web App Development.
- Build and Integration of REST API.
- Code maintenance and refactoring.
- Translation of user's needs into real features.

Skills

- Agile Development and work with a SCRUM framework in a multi-disciplinary team.
- Communication with the client.
- Continuous learning.

Other Works

Publications Espinoza, Mendoza, Ortega, Rivera, Weiss. "*Viscovery: A Platform for Trend Tracking in Opinion Forums*". [WISDOM'17] Halifax, Nova Scotia, Canada

Spare Time

My hobby and passion is **music**. As a self-taught multi instrumentalist, I spend my time as a composer and my preferences include a wide range of genres. I also try to merge my passion with my profession as a software developer and create tools that help me visualize and create music (music plugins, external tools, etc). For example, check this repository to see one of my projects

References

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