Rodrigo Vilina

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About Me

I'm a **Mentor**, a **Software Gardener** and an **Extreme Programmer.** I've spent the past few years learning the lessons that the giants of our industry have taught us; we've already learnt so much and I've decided to build on top of that.

Passionate about my craft, I've deeply studied what I consider the fundamentals of **Software Design** and implementation: I know my **Code Smells**, my **Design Patterns** and my **Refactoring Techniques**; I'm also a compulsive tester, I work with **Test-Driven Development**, and other advanced testing techniques when necessary.

I'm also a mentor and a perpetual learner. I enjoy **Pair Programming** with people that have both less and more experience than me; I need to keep learning, and teaching.

On a more personal note, I'm also a fixed-gear biker, a linguist by hobby and I love nature, both plants and animals; you will occasionally find me on a mountain, a forest, or a lake. My family is me, my partner and our three cats.

I'm **32** years old, **Chilean**, **Croatian**, and a polyglot. Besides **Spanish**, my mother tongue, I have a native level of **English**, a decent level of **Catalan**, and can understand Italian.

Work Experience

Toptal   **Remote, Global**

Senior Software Engineer Mentor   *Oct 2021 - Dec 2023*

- I joined Toptal to build **TopAcademy**, an internal academy aimed at educating pre-junior and junior developers to a semi senior level.
- Designed, maintained, and **delivered a 6-month educational plan** for backend developers in **Ruby**, which included educational materials, three weekly lessons, weekly assessments, and additional workshops.
- Taught the course to **more than 15 students**, incorporating 3 months of development in real applications, while acting as a **team leader and mentor**.
- Worked as a software developer, leading the team in designing and developing an internal eshop application for the company, with multiple integrations to third-party systems.
- Maintained a **managerial relationship** with my students by conducting weekly 1:1 meetings and other organizational and feedback sessions.
- Delivered a talk on the use of **Sorbet**, a tool for adding gradual typing capabilities to Ruby, to more than 100 colleagues.

Recorrido   **Remote, Chile**

Senior Software Engineer   *Jan 2020 - Sep 2021*

- I worked as a senior software engineer on more than 5 applications, developing new features, fixing bugs, and performing general maintenance. I used Ruby, Rails, **Javascript** and **Typescript**.
- Updated key tools such as **Ruby** (from version 2.3 to 2.7), **Rails** (from version 5 to 6), and other dependencies. Contributed to a front-end project built with **Vue**, developing new components and fixing bugs.
- Introduced code quality metric tracking practices, including test coverage, RuboCop offenses, duplicate code metrics, and code complexity.

- Helped increase the test coverage of our main application from **~30% to ~70%**.
- Designed and **delivered talks** on design patterns, the use of development tools, best practices, and the use of types in dynamically typed languages to my colleagues.

Ticketplus   **Santiago, Chile**
Software Engineer   *Sep 2018 - Dec 2019*
- I contributed to the development of several backend applications, implementing new features, fixing bugs, and maintaining the applications.
- Updated key tools such as Ruby, Rails, and other dependencies.
- Made contributions to the front-end of the applications, particularly in the **JavaScript** files of Rails applications.
- Introduced **code quality metrics tracking** practices, including test coverage, RuboCop offenses, duplicate code metrics, and code complexity.
- Designed and delivered talks on design patterns, the use of development tools, and best practices to my colleagues.

Education
Universidad Técnica Federico Santa María   **Santiago, Chile**
Informatics Engineering   *Mar 2012 - Jul 2017*