

Brian Bastías Vilches

Full Stack Developer



bribkn



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WORK EXPERIENCE

UNIVERSIDAD DE CHILE | FULL STACK DEVELOPER

July 2021 - Present | Santiago, Chile

- Architecture and development of the Universidad de Chile's digital signature platform using **React**, **Next.js**, and **Go**.
- Implementation of new technologies in frontend development, including micro-frontend architectures, using **React**, **Next.js**, and **Go**.
- Teaching and promoting best practices in frontend development, including component-driven development with **Storybook**, **Node.js**-based packaging, and modern tooling.

UNIVERSIDAD DIEGO PORTALES | PROFESSOR

March 2023 - Present | Santiago, Chile

- Database professor – Taught core database concepts and CRUD operations using **Node.js**, **SQL**, and **PostgreSQL**.
- Programming professor – Introduced fundamental programming concepts and logic structures.

PRODIGIO TECH | BACKEND DEVELOPER

January 2020 - July 2020 | Santiago, Chile

- API development in **C#**
- XML web services development

ACADEMIC EXPERIENCE

UNIVERSIDAD DIEGO PORTALES | ASSISTANT

August 2018 - December 2021 | Santiago, Chile

- Computer Architecture – Teaching Assistant: Supported lab sessions and student learning in **C++** programming and low-level system concepts.
- Data Structures and Algorithms – Teaching Assistant: Guided students in algorithm design and implementation using **C++** and **Python**.
- Programming Fundamentals – Teaching Assistant: Assisted with foundational programming concepts and exercises in **C++**.
- Operating Systems – Teaching Assistant: Helped students explore OS concepts and implement practical solutions using **Python** and **SQL**.

PROYECTOS

SMARTSIDE | CO-FOUNDER

2020 -- Present

- Development of customized web applications for a wide range of sectors, including education, financial services, tourism, and electric utilities [**React** / **Next.js** / **Go**].
- Implementation of solutions for the mining industry [**Python**].
- Developed and implemented an eCommerce platform [**React** / **Next.js** / **Go**].

SKILLS

PROGRAMMING

C • C++ • C#
Javascript • Python
Golang • R

FRAMEWORKS

Next.js • React • Express
Bootstrap • Material UI • Tailwind
CSS

TOOLS

Git • Docker • \LaTeX • Postman
Figma • Elastic • Grafana
Kibana • Jira

LANGUAGES

Native Spanish • English B1

EDUCATION

UNIVERSIDAD DE CHILE

MASTER OF SCIENCE IN INFORMATION
TECHNOLOGY

2025 - Present | Santiago, Chile

Faculty of Physical and
Mathematical Sciences

UNIVERSIDAD DIEGO PORTALES

SOFTWARE ENGINEER

2016 - 2021 | Santiago, Chile

Faculty of Engineering and
Sciences

INSTITUTO NACIONAL JOSÉ MIGUEL CARRERA

BASIC AND MIDDLE SCHOOL EDUCATION

2010 - 2015 | Santiago, Chile

THE GREENLAND SCHOOL

BASIC EDUCATION

2004 - 2009 | Estación Central, Chile