# Ricardo Nogueira

*+55 48 99911 8008*

*ricardo@nogueira.cc*

[https://linkedin.com/in/nogueira-cc](https://linkedin.com/in/nogueira-cc)

## Career:

Active and focused Flutter developer eager to build high quality products.

My most recent deliverables were:

- A revisited Clean Architecture proposal (4+2 Layered Architecture).
- A Flutter public reference implementation for this architecture.
- A public Dart library for quantities conversions and calculations.
- A public Flutter library for mechanical-like display panels.

Qualified Dart, Java, JavaScript and C++ developer with full stack work experience as enterprise software architect, tech lead and development mentor in Java/Web/REST stacks.

## Professional experience:

**Research and Development with Flutter**                                    **2020 – today**
**Self employed**

Experimenting Flutter libraries and building a sound toolset for mobile development. Developed Flutter libs for the community, proposed a reference layered architecture implementation in Medium and GitHub.

**C++ Developer & System Architect**                                    **2016 – 2020**
**AGS Agricultura e Sistema**

Founder of a startup company developing a GIS software solution for sugar cane plantation planning and engineering.
This C++ application is built on top of TNT Mips Geographic Information System (GIS) platform with unique tools to empower technical staff to produce plantation projects with design automation and instant graphical feedback about soil preservation, drainage, machine efficiency and more.

**Consultant and Senior Developer**                                    **2015 – 2015**
**Softplan Justice Unit**

Back to Softplan, now as an external consultant and senior developer. Working mainly in the Web front end for the Justice electronic process client.

**Business Manager**                                                         **2013 – 2015**
**Alo Vivo - Mobile Network Dealer**

Managed a family commercial business, a cell phone store and mobile network authorized dealer in Florianopolis outskirts.

**Senior Developer and Tech Leader**                                         **2007 – 2013**
**Softplan Justice Unit**

Started as full stack developer (Java, HTML, JS) for the web and webservices team.  Progressed to software architect, developer mentor, team leader and tech leader.

Last three years as tech leader for Web and WS development. Our team bred solutions for Brazilian Justice digital process with services for both court and lawyers and integrations with Public Advocacy and other legal departments. Technology involving digital signatures, PDF OCR, relational database and WS integrations for the electronic flow of the justice process.

**Web Developer**                                                            **2005 – 2006**
**VIAS Institute**

Web developer in a knowledge engineering project that was shut down in 2006. Working with Java, JSP and JavaScript.

**Web Developer & DevOps**                                                   **2001 – 2004**
**Student Centre – USYD**

DevOps at University of Sydney Student Centre and Web developer for the university electronic timetable application.

**Research and Development with Smalltalk**                                   **1996 – 2000**
**Self employed**

Research on Smalltalk implementations, object-oriented databases, serialization of objects looking for solutions in "before-internet" era.

**Database Application**                                                      **1992 – 1996**
**Protec Engineering**

Early days software automation. Computers were not interconnected (network card was a post purchase accessory) running Windows 3.1 or DOS.
Developed applications for data acquisition and reports for the company's financial sector.
Then created networked data centric solutions with MS Access for the sales department.

## Education:

**Bachelor in Computer Science (Advanced)**                                    **2000 – 2003**
**The University of Sydney**

**Bachelor in Physics (incomplete)**                                           **1986 – 1989**
**Universidade de Sao Paulo**

## Skills:

*Programming Languages:*

- Flutter: 2 years' work experience + 2 years of research (started before Alpha SDK)
- Dart: 6 years as tools/scripts language of choice
- Newspeak Language:  3 years as research project
- C++: 4 years of work experience
- Java: 10+ years of work experience
- JavaScript: 10+ years of work experience
- Smalltalk: 4 years of study

*System Architecture:*

- Software architecture: 10+ years of experience

*Team work*

- Software developer mentor: 5 years
- Team leader: 2 years
- Tech leader: 4 years

## References:

**Andre Albino Pereira**
Sr. Engineer II at HashiCorp
https://www.linkedin.com/in/andreptb/

**Thiago Stabile**
Tech Manager at Softplan
https://www.linkedin.com/in/thiagostabile/

**Andre Z.**
Principal Solutions Architect at Nike, US