Contact

www.linkedin.com/in/andresferrari (LinkedIn)

Top Skills

Hibernate
Tomcat
J2EE

Languages

English (Full Professional)
Spanish (Native or Bilingual)

Certifications

Principles of Reactive Programming
Programming Languages
Functional Programming Principles in Scala

Andrés Ferrari

Team Lead at Despegar

Summary

I have done both development and project management. Of the two, I prefer development, design, and diving into technical matters. I'm interested in pursuing a career with room for creativity and research.

I'm a programming languages enthusiast. I'm particularly experienced with Scala and Java, but I'm open to using other languages. My current passion is Functional Programming (Scala, Haskell, ML, Lisp).

Specialties:
• OOP
• Functional Programming
• Software design & development
• Creativity
• Teamwork

Experience

Despegar

8 years 5 months

Development Team Lead

January 2020 - Present (5 months)
City of Buenos Aires, Argentina

Currently leading a team developing and supporting a single sign-on authentication and authorization platform, based on OAuth2 and OpenID standards.

My job involves doing development but also coaching and supporting a small team of developers. Our customers are internal development teams and we support our app in production.

Our development process is agile, with regular team meetings and code reviews. We write unit and integration tests, and perform continuous

integration using Jenkins. We support and deploy our app to production using an in-house cloud deployment tool.

Technologies:
- OAuth2, OpenID Connect, JWT
- Java
- Go
- MySQL/MariaDB
- Git
- CI/Jenkins

Sr Developer
January 2012 - January 2020 (8 years 1 month)
Buenos Aires, Argentina

Design and development of RESTful backend applications for an Online Travel Agency. These applications have high-availability and performance, and some of them expose a well-documented API for third-parties (see https://api.despegar.com).

Technologies used include:
• Scala & Java
• Scalikejdbc
• Scalatra
• MariaDB (with Galera)
• SQL Server
• Solr

TeraCode
5 years 1 month

Lead Developer
January 2011 - October 2011 (10 months)
Buenos Aires

Design and development of a web application with a rich client frontend using GWT and RESTful services to communicate with a Spring backend.

Frameworks and tech:
• RestEasy, RestyGWT
• Spring, Hibernate, MySQL
• Jackson (for JSON)

Project Manager

January 2009 - January 2011 (2 years 1 month)

Management of multiple projects, using an agile methodology based on Scrum. I was in charge of team management, interaction with the customer (in English), and doing risk assessment and mitigation.

The projects used the following technologies:

- Java/Spring/Hibernate.
- Wicket
- Seam
- Oracle
- MySQL

Lead Developer

January 2007 - January 2009 (2 years 1 month)

Lead two projects for two different clients.

Planning & development tasks. The projects involved development using Java, Wicket (web framework), Hibernate, Spring, Coldfusion and Yahoo UI (javascript).

Sr Java Programmer

October 2006 - March 2007 (6 months)

Developed web applications using the following technologies:

- Java
- Web development with Wicket (web framework) / javascript
- Oracle
- Hibernate
- Spring

Laboratory on Foundations and Tools for Software Engineering (LaFHIS)

Scholar

August 2004 - October 2006 (2 years 3 months)

Buenos Aires, Argentina

Java/Eclipse RCP implementation of tools from research papers at LaFHIS, a research group from the Computer Science department of the Faculty of Exact and Natural Sciences of the University of Buenos Aires.

Publications:

• Andrés Ferrari, Diego Garbervetsky, Víctor Braberman, Pablo Listingart, Sergio Yovine , "JScoper: Eclipe support for Research on Scoping and Instrumentation for Real Time Java Applications" , ETX 2005: OOPSLA workshop on eclipse Technology eXchange, page 50--54 - oct 2005

• Andrés Ferrari, Víctor Braberman, Diego Garbervetsky, Nicolas Kicillof, Alfredo Olivero , "Plugging the VinTiME Tool Suite for Verification and Validation of Real-Time and Embedded Systems into Eclipse" , eTX Poster session at OOPSLA2005 - oct 2005

• Andrés Ferrari, Víctor Braberman, Diego Garbervetsky, Nicolas Kicillof, Alfredo Olivero, Fernando Schapachnik , "Plugging the VinTiME Tool Suite for Verification and Validation of Real-Time and Embedded Systems into Eclipse (eTX Poster session at OOPSLA2005)" , Misc - oct 2005

SD&D
Java programmer
January 2003 - August 2004 (1 year 8 months)

J2EE implementation of an e-billing application. EJB 2.0 and JSPs.

Banco Credicoop
Internship as COBOL programmer
January 1998 - December 1998 (1 year)

Worked as an intern in this bank, programming in COBOL 77 and patching banking systems for the Y2K bug.

Education

Universidad de Buenos Aires
MSc (in progress), Computer Science · (2010 - 2011)

Universidad de Buenos Aires
BSc, Computer Science · (1996 - 2006)