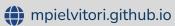# Martín Pielvitori

Software Engineer

I'm a Software Engineer passionate about coding, always looking to be in collaborative environments as I believe the best way to grow is where both learning and teaching are promoted.
Motivated by challenges, I've built my career plan taking advantage of several methods that allow me to improve my tech and soft skills.

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📍 Rome, Italy

🌐 Argentinian/Italian

Goal

Being a technical mentor by growing professionally in my domain areas: software architecture, agile leadership, teamwork, communication, programming, and solution design.

Professional summary

★ Hands-on Software Engineer with extensive experience designing, developing and implementing highly scalable systems.
★ Forward-thinking with background working productively in dynamic environments.
★ Experienced at translating client requirements into technical development plans.
★ Team player focused on achieving project objectives.
★ Proficient in Agile/Scrum methodology.

Working experience

Software Architect/Tech lead at Cognizant Softvision ⬈

01/2019 - present

Summary

➤ Technically responsible for an internal worldwide system, later sold to external clients.
I was in charge of the definition and creation of a microservices architecture from scratch, as well as data modeling, security considerations, networking and development/deployment process.
Then coordinating/defining guidelines for 6 worldwide teams including development, testing, and devops.
Communication between stakeholders, Project Managers and development teams.
Principles and methodologies successfully implemented: API first, Microservicios, 12 Factor App, DRY, SOLID, GitOps.
➤ Tech lead for a team of 4 software engineers that achieved customer autonomy by good performance.
➤ Tech lead for DevOps team, coordinating and defining guidelines with several sectors of the company.

Tech stack

➤ NodeJS, Typescript, OpenAPI, Express, Jest, REST, gRPC, PostgreSQL, Keycloak, Redis, Helm, ElasticSearch, Serverless, GitLab pipelines, Terraform, Istio, Kubernetes, Docker, GCP, AWS, ArgoCD, Golang.

Backend developer at Edrans ↗

02/2018 - 01/2019

Summary
- ➤ Design and develop endpoints using REST and Lambda functions.
- ➤ Create and maintain microservices.
- ➤ Improve performance using serverless and elasticsearch.

Tech stack
- ➤ NodeJS, Swagger, Jest, PostgreSQL, ElasticSearch, Docker, AWS, Blockchain, WebTorrent

Tech lead/Software Architect at OSDE/CDT ↗

04/2012 - 02/2018

Summary
- ➤ Supervised and lead teams of 5 software engineers
- ➤ Research, analysis, documentation and technical guidelines.
- ➤ Proposal and successful implementation of a custom framework.
- ➤ Definition of APIs at country level for the interoperability between financial companies and health providers(MAIS).
- ➤ Research, implementation and workshops for the usage of Docker in development teams

Tech stack
- ➤ Java EE, EJB 3.2, SpringBoot, RESTful, Junit, Struts2, NodeJS, EAP 7, Docker, SONAR, ESB, JMS, WMQ, GitHub, Maven, Jenkins, JMeter

Software architect at First Data Corporation ↗

07/2010 - 04/2012

Summary
- ➤ Proposal and successful implementation of application architecture.
- ➤ Supervised, lead and technical guidelines definitions of several development teams.

Tech stack
- ➤ Java, Struts2, WebSphere, JBoss, JavaScript, JQuery, JSP, Spring, Hibernate, ESB, WebServices, EA, SONAR

Backend developer at HSBC ↗

03/2010 - 07/2010

Summary
- ➤ Analysis, design and software development.

Tech stack
- ➤ Java, Spring, Hibernate, MKS, JSF, Rational Application Developer, WebSphere, DB2

Backend developer at Business Vision ↗

06/2009 - 03/2010

Summary
- ➤ Maintenance and development of banking applications

Tech stack
- ➤ Java, Struts, WebSphere, JavaScript, JSP, HTML, CSS, Spring, Oracle

Backend developer at Soluciones Integrales S.A. ↗

10/2007 - 06/2009

Summary
- ➤ In charge of application developments for utility companies
- ➤ Responsible for the development of an application to handle the company process flow.
- ➤ Customer training/workshops.
- ➤ Documentation for internal use suitable to ISO.

Tech stack
- ➤ Java, Struts, EJB, XML, JavaScript, OGNL – SapDB, Informix, Oracle

Software Engineer at **GM Software** ↗

07/2005 - 10/2007

Summary
- ➢ Responsible for the analysis, design, implementation and subsequent support of systems for small companies in several sectors such as accounting firms, retail stores, metallurgical, etc.

Tech stack
- ➢ Clarion - MySQL

Languages

- ➢ Spanish - fluent/native
- ➢ English - fluent
- ➢ Italian - basic

Education background

- ➢ Degree: **Bachelor in information Technology**
  University: **Universidad de Palermo – Autonomous City of Buenos Aires**
  Period: **06/2009 - 12/2011**
- ➢ Degree: System Analyst
  University: Universidad Nacional de Luján (UNLu) - Luján
  Period: 03/2001 - 07/2006
- ➢ Bachelor: Bachelor, mechanical orientation
  Place: E.E.T. N°1, Fortín de las Mercedes – Colón, Buenos Aires
  Period: 03/1996 - 12/2000

Courses & training

- ➢ 09/2013 - Certified Scrum Developer
- ➢ 08/2016 - Agile Architecture Workshop
- ➢ 10/2019 - Git
- ➢ 11/2019 - Kubernetes
- ➢ 12/2019 - OAuth0, OIDC, JWT
- ➢ 02/2022 - Ethereum and Solidity

Research/repos

- ➢ [Web3](#)
- ➢ [gRPC](#)
- ➢ [NodeJS-benchmarks](#)
- ➢ [Semantic release](#)
- ➢ [Commitlint](#)
- ➢ [Skaffold](#)
- ➢ [Swagger-sequelize](#)
- ➢ [Lambda/Elasticsearch](#)
- ➢ [Golang](#)

Volunteer experience

- ➢ 01/2021 - Expedición Sonrisa