




GIOVANI FERRARO TRIVELLI

FULL STACK DEVELOPER

 @GiovaniFerraroTrivelli

 @giovani-ferraro-trivelli

 September 12, 1998

 gftrivelli@gmail.com

 <https://gft.ar>

 Santa Fe, Argentina

PROFILE

I am a Full Stack Developer with a background in Computer Science and Systems Engineering. My roles have focused on web and API development, and I have collaborated with diverse teams to achieve various objectives. I am passionate about new technologies and constantly find myself exploring them and expanding my skill set. I am proactive in ensuring best practices and consistently show enthusiasm for teamwork.

SKILLS & TECHNOLOGIES

LANGUAGES

Native Spanish Speaker, English B2 (not certified).

PROGRAMMING LANGUAGES

JavaScript, Java, Go, Python, TypeScript. HTML, CSS, SQL.

DATABASES

MySQL, MariaDB, PostgreSQL, Oracle Database, ClickHouse, MongoDB, Redis, Elasticsearch, OpenSearch, Firebase Database, Redis.

FRAMEWORKS & LIBRARIES

Angular 2+, Spring Boot, React, Node.js, Next.js, Django, Fiber, jQuery, jQueryUI, Angular Material, React Native, Hibernate, JPA, Bootstrap, Materialize, Bulma, Tailwind CSS, Semantic UI, MediaWiki, Hazelcast.

METHODOLOGIES

Extreme Programming (XP), Scrum, traditional methodologies.

CLOUD COMPUTING SERVICES

AWS, DigitalOcean, Google Cloud Platform, Firebase.

TOOLS

Kubernetes. NPM, Yarn, Maven, Gradle, Tomcat, Docker, Git, RabbitMQ, Apache Kafka, Keycloak, Netflix Eureka, Prometheus, Grafana. Nginx. Service Discovery, Circuit Breaker. Invision Community, WebExtensions, WordPress.

WORK EXPERIENCE

BACKEND DEVELOPER

Whiter Agency, Uruguay | 2023 – present

- Primary responsible for the development, testing (unit tests and integration tests), and maintenance of a bidder based on OpenRTB 2.5/2.6 using Java, Apache Kafka, Elasticsearch/OpenSearch, Redis, PostgreSQL, Hazelcast, and AWS MSK.
- Developed and maintained related microservices that interact with the bidder to provide additional functionalities, such as geolocation, data collection and APIs, using languages and frameworks like Python (Django), Java (Spring Boot), and Go (Fiber).
- Deployment, control, and maintenance of microservices in Kubernetes.
- CI/CD development for microservices and their deployment.
- Define and maintain documentation.

FULL STACK DEVELOPER & DEVOPS

Senate of Santa Fe Province, Argentina | 2021 – 2023

- Mainly responsible for migrating to a new system architecture with a new interface (from Java Sofia Framework to Angular 2+ and Spring Boot). This included configuring the CI/CD environment for projects, automating the deployment of microservices, migrating to a cloud architecture using Docker and Kubernetes, and enhancing the logging of microservices status using Grafana, Prometheus, and Spring Cloud Gateway.
- Design a CI/CD pipeline for all projects and test them.
- Advising the team on best practices for Java and Angular development.
- Define documentation and development standards for the project.
- Design user interfaces using Angular Material components.
- Configuration and integration of Keycloak (single sign-on software).

FULL STACK DEVELOPER (FREELANCE)

GoldRiser B&F SRL, Argentina | 2022

- Analysis of requirements and client meetings to determine issues and specify the work methodology.
- Development of web extensions aimed at interacting with specific websites to automate complex tasks.
- Development of the frontend to display the results obtained from data scraping in a dashboard.
- Development of a desktop application using PyQt in Python to process Excel spreadsheets and display aggregated results in the application's interface.

FULL STACK DEVELOPER (FREELANCE)

JCRepair, Argentina | 2021

- Development of the frontend (using Angular) and backend (using Spring Boot) for an internal product and inventory management system (with authentication), with the capability to use a unique access code for clients to view the status of a specific product.
- Linux server and Nginx configuration..
- Database configuration (create schemas, routines, etc.)

FULL STACK DEVELOPER (FREELANCE)

San José del Rincón City Council, Argentina | 2016

- Backend and frontend development of an internal management system.
- Database configuration (create schemas, routines, etc.)
- Configuration and development of WordPress add-on to link both systems.

FULL STACK DEVELOPER (FREELANCE)

Santa Fe City Council, Argentina | 2014

- Backend and frontend development of an internal management system.
- Database configuration.

VOLUNTEER EXPERIENCES

FULL STACK DEVELOPER, PROJECT MANAGER & TECHNICAL LEADER

Nostalgia Gamers, Argentina | 2014 – present

- Website maintainer and Developer. This project uses Invision Community as its website software, which allows developers to add features (called "applications" or "plugins") using PHP and a set of tools provided by the software. Integration of Mercado Pago, PayPal and Coinbase APIs.
- Development of administrative software for paid-tier players.
- Linux server maintenance; Docker containers setup and maintenance.
- Game server Plugin Developer.
- Project Manager: organize the team and lead weekly meetings.
- Technical Leader of the Development Team: set a common development standard and ensure good practices of development. Performance monitoring, code reviews. Technologies selection.

HELPER & WIKI ADMINISTRATOR

Fandom Inc., USA | 2008 – 2016

- Design main pages of wikis using wikicode, CSS and JavaScript.
- Add CSS to wikis to create a unique interface that represents the main topic of the website.
- Add JavaScript to wikis to add or improve Fandom features
- Coordinate meetings with different Wiki Administrators and attend to their requests.

EDUCATION

INFORMATION SYSTEMS ENGINEER

Universidad Tecnológica Nacional - Facultad Regional Santa Fe - Argentina 2017 – ongoing

40 out of 43 courses completed, 3 pending for graduation. Final project presented.

HIGH SCHOOL GRADUATE

La Salle Jobson EESOPi N°: 8034 - Santa Fe, Argentina 2012 – 2016

Natural Sciences orientation

CERTIFICATIONS

Mercado Pago Certified Developer for Online Payments Checkout Pro

Mercado Libre - Santa Fe, Argentina.

Artificial Intelligence Conference

IA@Litoral – Santa Fe, Argentina

"Blockchain Technology Introduction" Conference

A.G.C. - Santa Fe, Argentina