Giancarlo **Frison**

TECHNICAL SPECIALIST

Munich, Germany

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"Be the change that you want to see in the world."

Pro**file**

Independent | self-motivated | self-disciplined | result-driven | prone to innovation

Since 2001 - PRESENT

Software specialist and entrepreneur with a solid track record in the design and implementation of systems used in banking, telecommunications, financial, e-commerce and social media networks. With a given domain and goal to reach, I compare and contrast differing solutions. I have extensive experience through current and past projects and am up-and-ready to face and lead in a variety of contexts. I transfer business ideas into real and shippable artifacts. Check out my latest open source project UbiCrypt.

Experience

SAP Hybris Labs
Munich

TECNICAL SPECIALIST
Jan. 2017 - present

Contributed to the architecture design of the SAP machine learning platform (Clea), intended to allow customers to create their own ML services. I investigated on adopting scalable solutions within SparkML on top of Mesos/Marathon/Chronos, and also integrating TensorFlow-Serving on Machine Learning pipeline.

SAP Innovation Center
Munich

FELLOW
Jul. 2016 - Dec. 2016

Contributed to the architecture design of the SAP machine learning platform (Clea), intended to allow customers to create their own ML services. I investigated on adopting scalable solutions within SparkML on top of Mesos/Marathon/Chronos, and also integrating TensorFlow-Serving on Machine Learning pipeline.

SAP Hybris - Commerce Platform
Munich

TECNICAL SPECIALIST
Mar. 2014 - Jul. 2016

- I designed and implemented transport-layer libraries for connecting microservice applications (YaaS) and the hybris business platform in an easy and efficient way. The system implement the Reactor pattern for composing asynchronous HTTP calls. It is lightweight, built on Netty.io and based on RxJava with following features:

    - Asynchronous calls.
    - Control over throttling, timeouts, retries and fallbacks.
    - Declarative HTTP remote description through JAX-RS 2.0 annotations.
    - OAuth authentication with a time-to-live token.
    - Spring, Hybris integration with pluggable configuration.

- I worked as core developer in the Core+ project. It is a library which provides a rich suite of services to support the rapid development of lightweight, standalone E-Commerce applications. Encapsulating the essential services of the hybris Core platform, the Core+ architecture provides flexibility, efficiency and modularity. In addition to its slender footprint, the principal advantages of Core+ include:

    - Proprietary ORM (Object Relation Mapping) framework.
    - Support for a range of persistence providers, including both SQL and NoSQL databases.
    - Clustered caching.

TechPeaks
Trento, Italy

SELECTED ATTENDEE
May. 2013 - Mar. 2014

TechPeaks was launched to enable the innovation ecosystem in Trento's emerging tech scene by bringing in entrepreneurs, tech visionaries, and thought leaders from around the world. I have been selected among 600 candidates for participating to the training program and work full time on my business project. I attended courses on Lean Startup methodologies, business plans writing, business administration and taxation. I got founded for 80K€ and I have been licensed for startup a food delivery company. Other than learning and creating the fundamentals for a running business, I developed the software for E-Commerce based on Vert.X in the backend, and various javascript in the frontend for modern single-page web-applications.

Payco services
Berlin, Germany

TECHNICAL SPECIALIST
Feb. 2012 - May. 2013

Payco offers electronic payment facilities for e-commerce web sites.

Chalab laboratories

Resana, Italy

CONSULTANT

Jul. 2011 - Feb. 2012

The target goal for the company was to build internally a LIMS (Laboratory Information Management System) handling chemical sample lifecycle. I provided insights on architectural system design and I created proof-of-concepts for on a workflow engine within a peculiar company-specific DSL (Domain Specific Language). That Groovy based workflow engine improved labs efficiency by helping chemical analysts to compile acceptance criteria, according to customer preferences or compulsory regulations, without code change or any IT staff intervention. More than that, I setup a developing lifecycle comprehensive of continuous integration and delivery for support 5 members team.

Skebby

Milan, Italy

SENIOR DEVELOPER

Sep. 2010 - Jun. 2011

I built from scratch a resilient and distributed messaging system for B2C and B2B SMS services. The system architecture was ascribable as micro-service constellation linked by means of ActiveMQ as EIP (Enterprise Integration Pattern). It exposed REST API for the company-owned web interface along as external customers' clients.

Quinary

Milan, Italy

SENIOR DEVELOPER

Mar. 2008 - Ago. 2010

Quinary was owner of a SMS platform deployed in Vodafone Italia since 2001. I was in charge to re-write it from scratch using the state-of-the-art technology. Due to the strict SLA (Service Level Agreement) the application was actually a set of micro-services glued by FioranoMQ, completely full-tolerant and scalable, contained in Solaris OS. The project succeeded with a fraction of time development of its predecessor, and it was 10 times faster than before. At that time I was involved on its after-hours monitoring and in 1 year of activity, I have been called in the middle of the night only 1 time because of database failure.

Nimbuzz

Rotterdam, The Netherlands

SENIOR DEVELOPER

Apr. 2007 - Feb. 2008

The key point of Nimbuzz was to link heterogeneous chat protocols in one single mobile application. My principal objective was to create an XMPP server-to-server Java framework in order to replace 'Smack' (popular XMPP implementation at that time), no more suitable for the features demanded by Nimbuzz's requirements. The new framework was used for helping developers interacting with Wildfire and later, for creating high-throughput REST Api service, designed and implemented entirely by me.

Ats

Milan, Italy

SENIOR DEVELOPER

Jan. 2006 - Mar. 2007

Ats was active in trading systems. They held a multi-market system that enables the simultaneous management of markets from a single application. I created the BrokerTec facility integration, enabling traders to access in real-time, trades of REPO market government securities. 'ToDeal' is the server side of a multi-market system that enables the simultaneous management of markets from a single application. Traders access to an integrated, electronic platform for real-time trading of government securities, REPO markets and enables traders to keep all trading activities under control. I worked close to BrokerTec market facility integration. The project aims to enable application developers to easily implement market use-cases.