GIANCARLO FRISON

Senior Technology Strategist

🌐 gfrison.com
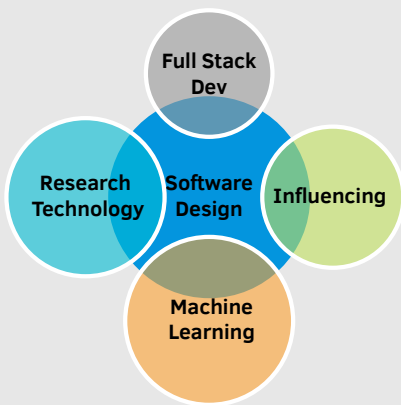
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Software specialist and entrepreneur with a solid track record in the design and implementation of systems used in banking, telecommunications, financial, e-commerce and social media networks. With a given domain and goal to reach, I compare and contrast differing solutions and consistently I take initiative while honoring commitments.

Daily Activities

Skills

Scala • Java

DataScience • ML

C • C++ • R

B.Eng, Computer Engineering
University of Padova
1995 - 1999 | Italy

SS., Diploma in Industrial Engineering (GPA: 4.0)
ITIS of Bassano del Grappa
1990 - 1995 | Italy

Experience

Mar 2018 - Present	**Senior Technology Strategist**	SAP CX Labs, Munich

Implemented reinforcement learning framework for Java and probabilistic programming library in Scala. Implemented an automated negotiation system for maximizing E-Commerce sellings.

Jan 2017 - Mar 2018	**Software Architect**	SAP Hybris Labs, Munich

I created Charly, the conversational commerce prototype for SAP CX. Users may search, purchase items, ask informations, leverage functionalities of flagship E-Commerce platform just with messaging apps. I designed and implemented all features especially the conversational engine based on neural networks.

Jul 2016 - Dec 2016	**Fellow**	SAP Innovation Center, Munich

I contributed to the architecture design of the SAP ML platform (Leonardo). The pipeline coordinates complex phases for data ingestion, features extraction, training, model versioning and inference. I run a number of proof-of-concepts based on Apache NiFi, Mesos, Hadoop, SparkML, Zeppeling and TensorFlow.

Mar 2014 - Jul 2016	**Software Architect**	SAP Hybris, Munich

- I made inter-process communication framework embracing event driven programming. Built with Netty and RxJava it includes control over throttling, timeouts, retries and fallbacks, transparent OAuth.
- Core developer for providing a rich suite of services to support the rapid development application in the Hybris Commerce Platform.

May 2013 - Mar 2014	**Selected Attendee**	TechPeaks, Trento

Selected for the training program of the startup accelerator on Lean Startup methodologies, business planning, corporate administration and taxation. I worked full time on my own business project.

Mar 2012 - May 2013	**Senior Backend Developer**	PayCo, Berlin

Implemented payment interfaces within banks introducing Spring for cloud based micro-services.

Jul 2011 - Feb 2012	**Consultant**	Chelab, Resana

I created a workflow engine within ad-hoc DSL (Domain Specific Language) in Groovy for helping chemical analysts to compile acceptance criteria without code change.

Sep 2010 - Jun 2011	**Senior Backend Developer**	Skebby, Milan

I built a distributed B2B SMS system, a micro-service constellation linked by ActiveMQ.

Mar 2008 - Ago 2010	**Senior Backend Developer**	Quinary, Milan

I rewrote the B2B SMS platform for Vodafone Italia implementing micro-services glued by FioranoMQ.

Apr 2007 - Feb 2008	**Backend Developer**	Nimbuzz, Rotterdam

Created an XMPP server-to-server Java framework.

Jan 2006 - Mar 2007	**Backend Developer**	Abla, Milan

Implemented BrokerTec trading integration and VXML interpreter for voice-recognition/text-to-speech server.

Dec 2002 - Dec 2005	**Backend Developer**	SecServizi, Padova

Implemented IBM's RSA plugins for establishing a Model Driven Architecture.