

GIANCARLO FRISON

Technology Strategist



gfrison.com



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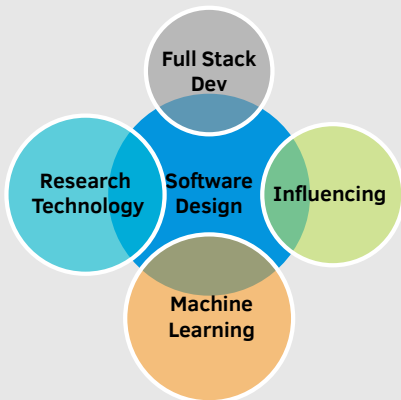
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gfrison

Software specialist with a solid track record in the design and implementation of systems used in banking, telco, fintech, e-commerce and social media networks. I develop computational methods based on machine learning for solving business problems in novel ways.

Daily Activities



Skills

Programming • Scala • Java

Software architectures

Deep Learning • ML

Natural language processing

DevOps

Education

B.Eng, Computer Engineering

University of Padua
1995 - 1999 | Italy

Diploma in Industrial Engineering

ITIS of Bassano del Grappa
1990 - 1995 | Italy

Experience

Mar 2018
Present

Senior Technology Strategist

SAP CX Labs, Munich

Implemented reinforcement learning and probabilistic programming libraries in Java/Scala. Ideated an automated negotiation system for finalizing E-Commerce deals.

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. I was also core developer of the Hybris Platform for providing a rich suite of services and tools to support rapid development application of extensions.

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 2007
May 2013

Senior Backend Developer

Berlin, Milan, Rotterdam

- Implemented payment interfaces within banks introducing Spring for cloud based micro-services.
- I created a workflow engine within ad-hoc Domain Specific Language in Groovy for modelling chemical analysis.
- I built a distributed B2B SMS system, a micro-service constellation linked by ActiveMQ.
- I rewrote the B2B SMS platform for Vodafone Italia. Micro-services architecture glued by FioranoMQ.
- Created an XMPP server-to-server Java framework.
- 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.

Patents

Jun 2018

Request pending

System, computer-implemented method and computer program product for information retrieval.

Mar 2018

Request pending

Computer-implemented method, system and computer program product for providing a conversational application interface.