Giuseppe Baccini
Curriculum Vitae

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in Giuseppe Baccini

WORK EXPERIENCE

FEB 2022 – CURRENT (FT)

SUSE
Senior Software Engineer

In the context of SUSE, I was part of the development team for the Enterprise Storage solution. I had the opportunity to contribute to the SES distribution (SUSE Enterprise Storage) and the Ceph platform (is a free and open-source software-defined storage platform that provides object storage, block storage and file storage built on a common distributed cluster foundation. Ceph provides completely distributed operation without a single point of failure and scalability to the exabyte level, and is freely available). Subsequently, I had the opportunity to contribute to the software development of the s3gw and Epinio solutions (s3gw is an S3-compatible service focused on deployments in a Kubernetes environment backed by any PVC, including Longhorn). During these two experiences, I gained a deep understanding of: Golang, Sqlite, S3, Docker, Podman, Git, GitHub, Kubernetes, K3s, K3d, Longhorn, Rancher, CRD, Helm, Vagrant, Ansible, libvirt.

2010 – 2022 (FT)

LIST S.p.A
Capital Market Products - BU
Engineering

Throughout my tenure in the Products division of LIST (Italy, Spain), I have held various positions, assumed diverse roles, and shouldered multiple responsibilities. I actively participated in numerous product development initiatives and contributed to the implementation of solutions based on the FastTrade product suite (FastTrade is a modular, multi-asset product suite conceived to implement electronic trading systems). During this ten-year experience I've gained a tremendous experience with the most used technologies in the Industry: C/C++, Boost, Java, Java Spring Boot, Python, RDBMS, Cassandra, Message Broker Systems, AMQP, MTTQ, Git, Kubernetes, Docker, CI-CD and many others.

2019 – 2022 (FT)

LIST S.p.A (Capital Market Products - BU)
Senior Software Engineer

As a member of the Design and Development Team for the connectivity layer of the FastTrade product, I played a pivotal role in developing and evolving various software gateways (Building Blocks of the FastTrade trading platform) directed towards major European Trading Venues. Additionally, I contributed to the creation of a series of structural components.

EDUCATION

2006 **Bachelor of Computer Science**
Department of Computer Science
The University of Pisa

COMPUTER SKILLS

WORKING WITH	
	Golang, C, C++, Java
	Python, Javascript, Ruby, Swift
	Network and System programming
	Event driven programming
	Language Interoperability
	Test driven development
	Debugging, GDB
	S.O.L.I.D, OOP, Design Patterns
	IOC/AOP
	Java Spring Boot
	SQL, Sqlite, RDBMS
	Kubernetes, K3s, K3d, Kind
	Docker, Podman, Paketo Buildpacks
	Helm, Vagrant, Ansible
	Ceph, Longhorn, Rancher
	AWS S3, Minio, COSI
	RabbitMQ, AMQP, MTTQ, gRPC
	AsynchAPI, Swagger
	Medik8s
	Prometheus
	Ginkgo, Gin
	GoogleTest
	V8 Javascript and WebAssembly Engine
	Qt, Boost
	Git, GitHub, GitLab, CI-CD
	Shell, Scripting

ACTIVELY STUDYING   Rust, Vue.js, eBPF

SOCIAL SKILLS

With fifteen years of experience working in contact with high profile teams, I have developed excellent teamwork skills. Part of my job consists of regularly giving and receiving feedback with the aim of constantly improving the team by overcoming problems and recognizing merits.

INTEREST AND ACTIVITIES

Studying, Reading, Programming, History and Philosophy, Open Source, Linux, Martial Arts, Videogaming, Lego, Friends, Aperitivos

WORK EXPERIENCE

2018 – 2019   (FT)

LIST S.p.A (Capital Market Products - BU)
Senior Software Engineer

In the Design and Development Team for the FTX-FastTrade Exchange product (a software solution created to allow the implementation of a Trading Venue / Systematic Internaliser with a MIFIDII perspective), I actively participated in expanding the market models implementable by the FTX suite. My specific contribution involved the development of an RFQ (Request for Quote) model (Third Account managed).

2016 – 2018   (FT)

LIST S.p.A (Capital Market Products - BU)
Senior Software Engineer

As a member of the Design and Development Team for the FastTrade MetaMarket product, I assumed the role of a Senior Software Architect. My responsibilities encompassed the design, development, testing, and performance & resilience tuning of technological, architectural, and functional components within the FastTrade product suite.

2014 – 2016   (FT)

LIST Spain S.p.A. (LIST Branch)
Senior Software Engineer

As a member of the Design and Development Team and Technology Transfer Manager on behalf of the parent company (LIST S.p.A.), I contributed to the FastTrade Deal Manager product. This role was part of a larger project aimed at providing a solution/service responsible for managing all trading flows of financial contracts executed by all worldwide branches/locations of BBVA (BANCO BILBAO VIZCAYA ARGENTARIA, S.A).

2013 – 2014   (FT)

LIST S.p.A. (Capital Market Products - BU)
Senior Software Engineer

I served as the Contingency Team Leader within the Product Division of the Company. This role involved direct management (customer management and direct resolution of issues) or coordination of development teams in the Product department for issues requiring high-priority interventions in the software library.

2011 – 2013   (FT)

LIST S.p.A. (Capital Market Products - BU)
Software Engineer

As a member of the Design and Development Team for the FastTrade Payment solution (Greek Payment System, Credit Transfer, Direct Debit), I contributed to a project aimed at integrating, interconnecting, replacing, harmonizing national payment systems with SEPA - Standard European Payment Area.

2010 – 2011   (FT)

LIST S.p.A. (Capital Market Products - BU)
Software Engineer

I served as a member of the Design and Development Team for the FastTrade OMS product (Electronic trading of financial instruments). In this capacity, I actively participated in the implementation and commissioning of the SAAS service on behalf of Intesa San Paolo, named MarketHUB.

LANGUAGES

ENGLISH: Professional Speaker
ITALIAN: Native Speaker

WORK EXPERIENCE

2008 – 2010 (FT)

RJC Soft S.r.l
Software Engineer

As part of the Team developing and maintaining the user's profiling system of Telecom Italia I actively participated to implement a solution based on the Oracle Coherence distributed caching system.

2007 – 2008 (FT)

Apai S.r.l
Software Engineer

I served as member of the Design and Development Team developing and maintaining the Intesa San Paolo's employees access and authorization system.