

PERSONAL INFORMATION

Junio Valerio Franchi

WORK EXPERIENCE

September 2021 – Present
(@ CIPAG)

Chief Information Officer

- Chief Information Officer at “Cassa italiana di previdenza ed assistenza ai Geometri liberi professionisti”.
- Responsible for the management, implementation, and usability of information and computer technologies
- Responsible for the organization's technological needs as well as its research and development (R&D)
- Responsible for the define a set of business processes whose main objectives are to plan, implement, operate, maintain, and improve the enterprise architecture of the Organization

Business or sector Private social security institution

January 2016 – August 2021
(@ ENAV)

Project Manager

- Project Manager for the development of the Coflight-eFDP System.

The Coflight-eFDP project foresees the development of a new system for the Air Traffic Control (ATC). The system is a next generation Flight Data Processing System designed to meet the needs of European Air Navigation Service Providers for the next 20 years, satisfying the need for the harmonisation and interoperability of air traffic management systems in Europe. Such project is developed in collaboration by an industrial consortium between Leonardo - Thales ATM, in the centres in Rome and Toulouse (France).

- Managerial and technical skills acquired
- Experience in managing large complex programmes in international environment
- Negotiation skill acquired
- Decision making ability
- Experience in Business Development
- Communication skill
- Experience in forming international teams

ATM expert

- Coflight technical expert in Coflight Cloud Services program.

Coflight Cloud Services, with its innovative concept of remote delivery of data services to ANSPs, guarantees access to high-performance systems regardless of ANSP size. Next-generation ATM services: this innovative solution is able to drive the digital transformation of aviation with its package of advanced interoperable remote flight data processing services. Through an appropriate service-oriented approach adequately interfaced with the Enterprise Service Bus platform deployed by the customer, it will allow a third ANSP to keep its specific transformation agility for the upstream part (the ATSU) while relying on the benefits of economical scalability and services' mutualisation on the downstream part (the ADSP).

Business or sector ATM System Engineering

March 2014 – December 2015
(@ Technosky – ENAV Company)

Project Manager

- Project Manager for the development of the Coflight-eFDP System.

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Business or sector System Engineering / Software Engineering

January 2014 – March 2014
(@ Technosky – ENAV Company)

Technical Manager

- Technical Manager for the development of the Coflight-eFDP System.

Business or sector System Engineering / Software Engineering

September 2011 – January 2014
(@ Technosky – ENAV Company)

System Engineer

- Integration Manager for the ELISA project (ERATO Light Integration in SATcas);
- Test and Validation Engineer for the Coflight project, the next Flight Data Processing for the Air Traffic Management of Italy, France and Switzerland. Definition of test strategies, test plans, test objectives and test procedures;
- Automated Functional and Acceptance test writing (PYTHON language) and execution during Factory testing activities;
- Monitoring of defects life cycle, traceability between tests, requirements and defects;
- Management of the Engineering Change Proposal life cycle.

Business or sector System Engineering / Software Engineering

January 2011 – August 2011

Term – contract worker

- Software Verification and Validation activities:
 - Unit testing (e.g static code analysis)
 - Integration testing
 - Test automation
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September 2009 – January 2011

Researcher

- Support for research activities

January 2009 – August 2009

Term – contract worker

- Heuristic techniques development in mobile networks

EDUCATION AND TRAINING

2006 – 2008

Master of Science in Computer Engineering

Master of Science in Computer Engineering, Sapienza, Università di Roma, 110/110 cum laude.

Thesis: *ROME4EU. A Web Service-Based Process-Aware System for Smart Devices. Ristrutturazione dei Processi*

WORKPAD European-Project. An Adaptive Peer-to-Peer Software Infrastructure for Supporting Collaborative Work of Human Operators in Emergency/Disaster Scenarios. Design and development of heuristics able to make adaptive a Web Service-Based Process-Aware System for Smart Devices based on orchestration engine WS-BPEL.

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Communication skills

- Empathic listener and persuasive speaker;
- Speaking in public, to groups, or via electronic media

Organisational / managerial skills

- Critical thinking, decision-making and problem solving skills; Planning and organizing; Conflict resolution
- Process improvement: Lean - Agile - Design Thinking
- Communication, negotiation
- Open mind and Innovative approach
- Capabilities to managing project in a multicultural, dynamic, schedule-oriented environment
- Ability to collaborate and work within cross functional/global teams
- Resilience, highly motivation and ambition in working in an innovative environment
- Strong inclination to teamwork and problem solving

Job-related skills

- Adaptability; Tolerant to stressed situations

Computer skills

- Software Engineer:

UML modelling
 SysML: modelling complex system
 Software design techniques: design pattern
 User Centered Design
 Human-computer interaction: software usability
 Software measurement: IFPUG Function Point
 Software testing techniques: black-box and white box testing techniques
 Static code analysis

Database:

Entity relationship model
 Logical and physical data model (SQL)
 Data federation and data integration (DB2-II)
 Data warehousing and data mining (Microsoft SQL Server Information Integrator)
 Ontology-base Data Access (OBDA)

Tools and Program Languages:

Java and Java Platform Enterprise Edition (high level)
 Distributed programming (JavaRMI, EJB, Servlet, JSP, Application Servers)
 .NET Platform, C# (high level)
 C, C++ (medium level)
 Web 2.0 (JavaScript, HTML, CSS, XML)
 Static code analysis tools (e.g. Sourcemonitor, Parasoft JTest and C++ Test)
 Other languages: BPEL, Lisp, Assembler
 Operative systems: Windows, Linux (Ubuntu and RedHat), Windows Mobile, DOS
 Framework Java-based: Apache Ant
 Application Servers: JBoss, Apache Tomcat, IIS
 IDE: Eclipse, NetBeans, Visual Studio
 Other Tools: DOORS, Enterprise Architect
 Office Suite: OpenOffice, Microsoft Office, Macromedia Dreamweaver
 JIRA: bug tracking, issue tracking, and project management

Driving licence

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PUBLICATIONS

In Proc. of the
IEEE ICUMT,
2009

M. de Leoni, M. Mecella, P. Manfrè, V. Franchi, D. Graziano. "Disconnection Prediction in Mobile P2P Networks using publish/subscribe".
In Proc. of the IEEE International Conference on Ultra Modern Communications (ICUMT 2009), 12-14 October 2009, S. Petersburg, Russia.

CERTIFICATIONS

Lean Six Sigma Yellow Belt
02/03/2018

Lean Six Sigma Yellow Belt certified by Tor Vergata Six Sigma Academy

ISIPM-BASE
15/03/2018

ISIPM-BASE certified by Istituto Italiano di Project Management

Lean Six Sigma Green Belt
18/02/2019

Lean Six Sigma Green Belt certified by Tor Vergata Six Sigma Academy

ITIL 4 Edition
03/03/2021

ITIL® Foundation Certificate in IT Service Management