


# Alessio Grumiro

## Enterprise Architect, PM & Trainer

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### Profile

Highly accomplished Cloud Architect with extensive experience in conducting Cloud Readiness Assessments, creating cloud service maps, and overseeing security considerations as part of a wider Cloud Adoption Framework. Proficient knowledge of cloud computing technologies and current computing trends. Accomplished in managing large teams right from requirements through design, implementation & deployment. Excellent analytical, organizational, and planning skills with demonstrated abilities in training & mentoring teams toward achieving organizational goals.

### Qualifications

- Software Development
- Software Architecture
- Cloud platforms (AWS, GCP, Azure, IBM Cloud)
- IoT platforms
- Project Management
- Agile methodology
- UX designer
- Artificial intelligence
- Machine Learning
- BigData
- Natural Language Processing
- Search engine
- API Manager
- Blockchain
- Business Development
- Start-ups / Entrepreneurship
- Coach & motivator
- Design Thinking
- Value Proposition Canvas
- Team leadership

### Job experiences

Senior Platform Architect 2023 - Present

VF Corporation Sagl

- Analyze and define clients' business strategy and determine system architecture requirements to achieve business goals.
- Formulate strategic plans for component development to sustain future project objectives.
- Gather detailed business requirements and use cases, and translate technical specifications into product requirements.
- Create team strategies and establish project scopes of work; communicate project deliverable timeframes and benchmarks to clients.
- Develop data architecture design to facilitate targeted customer analysis.
- Suggest architectural improvements, design, and integration solutions, and formulate methodologies to optimize object-oriented software and database development.

Principal Engineer in Marketplace Area 2020 - 2023

VF Corporation Sagl

- Led team to plan, design, and implement applications and software.
- Collaborated with business analysts, developers, and technical support teams to define project requirements and specifications.
- Designed, developed, and managed web-based applications, databases, network accounts, and programs.
- Launched complex recovery solutions to safeguard mission-critical data.
- Translated technical specifications into project scopes of work and product requirements while spearheading design and development of databases and enterprise solutions.
- Implemented application developments, resolved performance issues, and provided end user training on hardware and software.

### Skills

Problem solving 

Communication 

Growth mindset 

Leadership 

### Lingue parlate

Italian (native)  
English (C1)

### Interests

AI and Machine Learning  
Cloud computing  
Software Architecture  
BigData  
Predictive Analytics  
IoT platforms  
Wearable  
Blockchain  
API management  
Project Management  
Innovation  
Sport

### Note

Kindly invite you to visit my personal website / LinkedIn profile to have an updated view of my current experience and read my ex-colleagues' feedback.

IT Architect, PM & Trainer

2009 - 2019

Badges

alessiogrumiro.com

- Business model development to launch my personal startup and apply to calls for funding
- Building and keeping updated my digital profile, making my personal website and portfolio along with writing technical articles and presence on cloud-related technical discussion forums
- Implementation of digital marketing campaigns from data gathering, analysis, and best practices deployment. Channels: Google SEO / Adv, Facebook Adv, LinkedIn Adv.
- Corporate website software development from scratch: I built websites for mid-size companies
- Web booking engine for hospitals and restaurants along with the websites for managing e-commerce kinds of stuff such as product search, details, add to cart, planning, payment (with online gateways), ticket generation integrated with company backend services, and personal area management.
- Android tablet customization and custom software development for Kiosk. I built a cloud platform for tablet remote control along with a homemade Android distro (built from OS source code). Tables ran software controlled by my clients for booking hospital exams and/or for playing during restaurant services
- Mobile application development for Android / iOS native / hybrid/web. I built lots of mobile applications for private chatting, games, car utility, entertainment, and more.
- Software Development Trainer, I gave programming classes in the world of Java, Windows, and Android
- Digital PM for websites managed remotely

Product Owner

05/2019 - 09/2019

Inventia Srl (CRIF Group)

Product manager of Inventia's Digital Onboarding (DoB), an artificial intelligence-based solution for biometric recognition of user liveness and biometric comparison of faces. As product owner, I was responsible for:

- customer market analysis in Italy and Europe
- market analysis of DoB solutions in Italy and Europe for competitor analysis
- definition of product roadmap and functionality
- coordination of product team activities and management of the relationship with the solutions group

As head of the Project Management group, I was responsible for:

- technical pre-sales activities for Inventia solution demonstrations applied to customer processes
- customer relationship management
- project management, requirements gathering, technical analysis, cost estimates and evaluation
- customer monitoring and support
- coordination of the PM team.

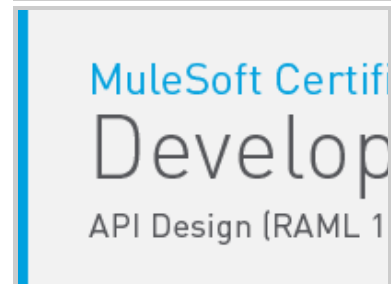
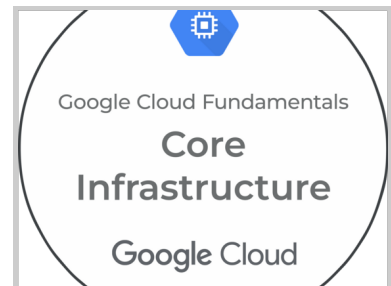
Head of Innovation

05/2019 - 09/2019

Inventia Srl (CRIF Group)

As innovation manager, I was responsible for:

- researching new process and functionality ideas relative to the market in which the company operates (Digital Onboarding) by analyzing competitors and market demands.
- researching new technologies that can support our customers in the process steps driven by the Digital Onboarding product
- search for new technology partners that can provide high value-added services and solutions for our product and our customers
- gather and collect ideas from team insights and generate business opportunities explore and touch on new technologies and services
- define the innovation strategy and roadmap



## Integration Manager

04/2018 - 04/2019

### Accenture Technology Solutions

Technical Architect and Integration Manager for integration solutions with focus on:

- integrations of heterogeneous systems, with different technologies and different architectures
- design pattern definition for information exchange between the systems involved solution architecture
- vendor-selection for systems in the application map
- design of well-designed and enterprise-level APIs
- development of Mulesoft ESB applications.

Major skills:

- Knowledge of Mulesoft integration middleware with software architecture design and application development skills.
- Knowledge of Enterprise integration patterns for communication between major integrated systems Salesforce, SAP, Web Portal
- Expertise in designing durable systems and APIs.
- Definition and schematization of processes for sales through Salesforce and other channels and for post-sales management and billing.

Main activities:

- Resource coordination (about 10 resources) and PM
- Technical contact person for the client and partners regarding the architecture of the solution and planned integrations
- Mulesoft application development and architecture definition  
Analysis and production of technical project documentation and integrations

Skills: Mulesoft, API design, API management, PM, Staffing Plan, Processi in ambito Resources, Salesforce, SAP, batch processing, DataWarehouse, logging e analytics.



## AI Manager

12/2017 - 04/2018

### Accenture Technology Solutions

Technical Architect per soluzioni basate su Machine Learning e servizi cognitivi in particolare mi sono occupato di progettare

- virtual agent con capacità di analisi del testo scritto, della voce e delle immagini;
- motori di ricerca per documentali con natural language processing;
- text classification per istradamento automatico di email e documenti in ingresso su caselle email/altro;
- motori di analisi delle immagini al fine di individuare le similitudini tra immagini.

Principali Specialità:

- Amazon Cloud Cognitive Services and Alexa per la realizzazione di virtual agent con tecnologia Amazon e skills per Alexa
- IBM Watson (full suite) per la realizzazione di soluzioni con AI di Watson
- Google GCP e Machine Learning per la realizzazione di servizi web e soluzioni di AI
- Google TensorFlow per la realizzazione di motori di AI basati su soluzioni custom
- Microsoft cognitive services per la realizzazione di virtual agent su desktop
- IoT and RaspberryPi per la realizzazione di prototipi.

In qualità di Technical Architect ho avuto modo di partecipare alla prototipazione e realizzazione di soluzioni in ambito Financial, Resources, Telco e Automotive, coordinando gruppi di persone sia in fase di acquisizione cliente che per la delivery. Ho maturato esperienza nella gestione delle persone e pianificazione di progetti complessi secondo la metodologia aziendale.

Skills: IBM Watson, Azure Machine Learning, Google Cloud Machine Learning, Tensorflow, AWS Machine Learning, Google DialogFlow, Virtual Agent, Deep learning, Natural Language Processing, NodeJS

AI Manager

04/2016 - 11/2017

## Accenture Technology Solutions

Solution architect on Artificial Intelligence solutions with focus on the following areas:

- API management for digital transformation solutions and integrations
- BigData with Hadoop and Spark for distributed collection and computation of massive amounts of data
- Cloud Platforms: AWS, Google Cloud Platform, Microsoft Azure for building cloud/hybrid architectures
- Kubernetes/Docker: for deployment of microservices and orchestration of containers both in cloud and onpremise.

Main skills:

- Deep knowledge in technical architecture development and software design.
- Deep knowledge of architectural patterns, frameworks, design patterns, and Agile/DevOps development methodologies
- Knowledge of web/desktop/mobile/IoT development programming languages and best practices
- Skill in designing and developing complex, scalable, and reliable software solutions in Telco, Finance, Health, Booking

Main activities:

- Coordination of resources and PM
- Design and implementation of technical architecture for Serverless/Microservices/Container-based/traditional cloud/onpremise solutions using major cloud platforms (AWS, MS Azure, GCP, IBM Cloud).
- Software architecture design and implementation of web/desktop/mobile/IoT applications in JavaEE/C#/Javascript/Html language
- Designing solutions using API Management software, Business Rules Manager, Enterprise Service Bus, queuing, highly efficient distributed systems
- Ensuring that technical architecture and software development provide the required levels of security and performance and are reusable
- Ensure the quality of source code and the use of techniques and tools for DevOps and quality assurance.

Skills: Google Cloud Platform, AWS, Api Gateway/Management, Analytics with PowerBI, Docker, Kubernetes, Apache Hadoop, Apache Spark

## Education

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Bachelor's Degree in Computer Engineering

2004 - 2007

Università degli studi di Napoli "Federico II"

## Certifications

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Google Cloud Platform - Core Infrastructure

2021 - Present

Google Cloud

- Identify the purpose and value of Google Cloud products and services.
- Interact with Google Cloud services.
- Choose among and use application deployment environments on Google Cloud: App Engine, Google Kubernetes Engine, and Compute Engine.
- Choose among and use Google Cloud's storage options: Cloud Storage, Cloud SQL, Cloud Bigtable, and Firestore.

Mulesoft Certified Developer - API Design (RAML 1.0)

2018 - Present

## Mulesoft

A MuleSoft Certified Developer – API Design is able to create well-designed, modular API definitions using RAML 1.0 and Anypoint Platform. Skills:

- Translate design requirements into API resources and methods.
- Use RAML to define API resources, methods, parameters, and responses.
- Model data in APIs using data types.
- Minimize repetition in API definitions using resource types and traits.
- Modularize APIs using libraries, overlays, and extensions.
- Specify API security schemes.
- Version APIs.
- Document and test APIs and make them discoverable.

Mulesoft Certified Developer - API & Integration 2018 - Present

## Mulesoft

A MuleSoft Certified Developer – Integration and API Associate (Mule 3) is able to successfully work on basic Mule 3 projects with guidance and supervision. The MCD – Integration and API Associate (Mule 3) exam validates that a developer has the required knowledge and skills to design, build, test and debug, deploy, and manage basic APIs and integrations: moving from Anypoint Platform to Anypoint Studio and back. S/he should be able to:

- Use MuleSoft-hosted Anypoint Platform to take a basic API through all the steps of its lifecycle: design, build, deploy, manage, and govern.
- Use Anypoint Studio to build, test, and debug basic integrations and API implementations.
- Connect to a range of resources including databases, files, web services, SaaS applications, and JMS queues.
- Perform basic data transformations using DataWeave.
- Control message flow and handle errors.
- Process batch records.

IBM Certified Application Developer - Watson V3 Certification 2017 - Present

## IBM

Understands concepts essential to the development of applications using IBM Watson AI services. They will have experience using the IBM Cloud and are able to consume IBM Watson AI services in an application. This individual is able to perform these tasks with little to no assistance from product documentation, support or peers.

Key Areas of Competency:

- Fundamentals of IBM Watson AI services on IBM Cloud
- Use cases of Artificial Intelligence and Machine Learning
- Developing AI applications using IBM Watson AI services
- Administering applications using IBM Watson AI services

Build Chatbots with Watson Conversation 2017 - Present

## IBM

IBM Watson Conversation experts for designing and developing virtual agents.

Bluemix Essentials 2017 - Present

## IBM

Cloud Architect on IBM Bluemix

Watson Discovery Service Foundations 2017 - 2018

## IBM

IBM Watson Discovery expert

Associate Android Developer 2017 - Present  
[Google](#)  
Android developer expert


Sun Certified Java Programmer (SCJP) 2008 - Present  
[SUN Microsystems](#)  
Java 5 developer expert

E.U.C.I.P. 2008 - Present  
[AICA](#)  
IT and Software Development expert

## Technical skills

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### Platforms

  
Microsoft Windows, Linux, Apple MacOS, Microsoft Azure, Google Cloud Platform, IBM Cloud, Amazon AWS, Arduino, Raspberry, Docker, Kubernetes, Mulesoft

### Project Management e Business Development

  
Microsoft Project, Microsoft Office suite, Microsoft Excel PowerPivot, trello, Jira, Time management and tracking, CRM, Microsoft Dynamics, Value Proposition Canvas

### AI, Machine Learning e BigData

  
Natural Language Processing, search engine, algoritmi statistici per classificazione e regressione, TensorFlow, AzureML, Google Machine Learning, IBM Watson, Predictive Analytics, Recommendation engine, Weka, Apache Mahout, Apache Hadoop, Apache Spark/SparkML/Spark Streaming, Hive, Sqoop, Flume, Pig, HBase, Microsoft PowerBI, Virtual Agent, RPA, OCR, Intelligent Case Processing

### Software development e frameworks

  
UML, Design Pattern, Java, Spring, Stripes, Struts, .Net, C#, Javascript, Html, CSS, Twitter Bootstrap, SQL, PL-SQL, Groovy, NodeJS, ExpressJS, ReactJS, ReactNative, AngularJS, Android, Swift, Xamarin, maven, Gulp, npm, MongoDB, MySQL, SQL Server, Oracle, Appcelerator Titanium, Microsoft IIS, Apache Tomcat, BEA WebLogic, IBM WebSphere, Microservices, Serverless, RAML, API Portals, API Notebooks

## Privacy

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I authorize the processing of personal data pursuant to Legislative Decree 196/2003