



**Gianluca
Colaiani**

Date of birth: 16/08/1993

Nationality: Italian

Gender: Male

CONTACT



Via Palestro 7, null
22100 Como, Italy



fast_luca@hotmail.it



(+39) 3885893984



www.gianlucacolaiani.me

WORK EXPERIENCE

01/09/2021 – CURRENT – Lugano, Switzerland

Senior Consultant

adesso Schweiz

Tech lead and team lead.

Involved on business development activities in tenders setup for strategical projects.

Responsible for the technical assessment in the selection process of new joiners.

Involved on different projects focusing on design and implementation of java based solutions using the following technologies:

- Quarkus
- Spring Boot
- Spring Security
- Spring Data JPA
- Hibernate
- JUnit 5
- Mockito

Low code project using Flowable

05/2021 – CURRENT – Italy

Chief Technology Officer

Friendshome s.r.l.s

Responsible for the technology strategical decisions and all development activities. Designed the entire IT architecture and processes of the company solution using Agile methodologies in a distributed team between Italy and Pakistan.

Coordinating the development of a Microservices API and a mobile APP.

The microservices API is developed as a Cloud Native solution in Quarkus, compiling the artifacts as native executable deployed using an automatic CI/CD to AWS Lambda functions and exposed using AWS Api Gateway.

The mobile app is developed as an hybrid mobile application using Ionic 6.

Main technologies involved are:

- Quarkus
- AWS Lambda
- AWS Api Gateway
- Elasticsearch
- AWS RDS
- AWS CodeBuild
- AWS CodePipeline
- AWS SQS
- Ionic 6

09/11/2020 – 31/08/2021 – Lugano, Switzerland

Solution Architect

Fincons Group AG

I worked on-site for the customer **Gruppo Cornèr Banca** as Solution Architect on a long term project in which different partners were involved. My responsibilities were:

- To analyze the internal requirements in order to design the project end-to-end solution.
- To write requirements specifications for the partners.

- To write technical analysis and to design the solution for the outsourcing development team (Italy).

Professional, scientific and technical activities

24/02/2020 – 02/10/2020

Digital Security Specialist

Air Liquide Italia S.p.a.

Define and apply the governance processes and procedures in terms of Digital Security for Air Liquide Italia, in order to be compliant with Group rules and procedures.

My duties were:

- To complete the Digital Risk Assessment (DRA) of all internal IT applications.
- To check and complete the Authorization Matrix of all internal IT applications.
- To check the compliance to EU GDPR for Air Liquide Italia.

I reported directly to Air Liquide Italia CEO.

Electricity, gas, steam and air conditioning supply / <https://www.airliquide.com/it/italia> / Milano, Italy

19/11/2018 – 12/01/2020

Solution Architect

Fincons Group AG

I worked on-site for the customer **Gruppo Cornèr Banca** as Solution Architect and Release co-supervisor.

As Solution Architect I worked on a long term project in which different partners were involved. My responsibilities were:

- To analyze the internal requirements in order to design an integration layer which will be the only point of contact between internal banking systems and external products.
- To write requirements specifications for the partners.
- To write technical analysis and to design the solution for the outsourcing development team (Italy).

The team was of 6 person.

As Release co-supervisor, I had the ownership of coordinate the Release Team, The Release Team was responsible to maintain several internal banking applications, including Java Enterprise applications and batch systems. I had also the opportunity to work directly in maintenance tasks, when it was necessary. The team was composed of two person as supervisors and other three developers in outsourcing (Slovenia).

Professional, scientific and technical activities / <http://www.finconsgroup.com/> / Via S. Gottardo 12, 6900, Lugano, Switzerland

17/07/2017 – 09/11/2018

Developer

Fincons Group S.p.a.

- Design and development of core backend applications.

Professional, scientific and technical activities / <http://ita.finconsgroup.com/> / Via Orfeo Mazzitelli 258/e, 70124, Bari, Italy

01/04/2015 – 14/07/2017

Analyst Programmer

Auriga S.p.a

Sviluppatore Junior Java EE.

- Development of Java WebApp and deploy on Oracle Application Server (Weblogic), IBM Websphere and JBoss or Servlet Container like Tomcat.
- Starting from 05/2015 involved on an international project with customer BNP Paribas Fortis (BNP Paribas Group), having short period of developments and deploy on site in Bruxelles.
- Starting from 06/2016 involved as Team Leader in the project.
- Starting from 06/2015 involved as Java Developer in an international project with customer Millennium BCP (Portugal).

Professional, scientific and technical activities / <http://www.aurigaspa.com/> / Strada Vassallo, 1, 70125, Bari, Italy

10/2014 – 05/2015

Teaching tutor for student with motor disabilities

Università degli Studi di Bari

Didactic Tutoring Service of 250 hours for a student with motor disabilities at the Faculty of Computer Science at the University of Bari. The tutoring provided the didactic support in preparing the exams that the student had planned to support in the following months through frontal and customized lessons.

Bari

EDUCATION AND TRAINING

01/2020 – 06/11/2020

Master of Business Administration (MBA)

Collège des Ingénieurs

The MBA is fully financed (100%) by sponsoring partner company and the selection process is based on merit (5% admission rate). Main courses are corporate finance, investments & company evaluation, accounting & controlling, innovation, lean management, marketing & strategy, human resources & communication, leadership, negotiation, public speaking, project management, decision-making and action, coaching.

Professors from prestigious universities (Harvard BS, INSEAD, Chicago Booth, ETH Zürich, HEC).

<https://www.cdi.eu/en/>

10/2015 – 17/04/2019 – Bari, Italy

Master Degree in Computer Science

Università degli Studi di Bari Aldo Moro

110/110 with honors

2012 – 14/10/2015 – Bari, Italy

Bachelor Degree in Computer Science and Software Development Technologies

Università degli Studi di Bari Aldo Moro

110/110 with honors

2007 – 2012 – Bari, Italy

Diploma of Scientific Maturity

Liceo Scientifico Statale "G. Salvemini"

100/100

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

OTHER LANGUAGE(S):

English

Listening	Reading	Spoken production	Spoken interaction	Writing
C1	C1	C1	C1	C1

DRIVING LICENCE

 Driving Licence: B

PROJECTS

11/2017 – 02/2018

TellMe

TellMe is a mobile app designed for Android devices. The goal is to assist users with visual impairment in exploring places of interest in the city of Bari and the Puglia region. The system provides a client component (the app) and a server. The client component was developed through the Ionic v3 framework, the server component is a microservice developed through the Spring Boot framework and installed on AWS Elastic Beanstalk.

The application was developed as a case study for the Mobile Computing exam of the MSc in Computer Science.

Team members: Gianluca Colaianni, Gaetano Ziri

01/2017 – 02/2017

Bari d'Epoca

Bari d'Epoca is a Web application that has as its purpose the cataloging of vintage postcards of the city of Bari. It was born as a case study for the examination of Design and Production of Digital Content of the MSc in Computer Science. The application was created in Java8 EE with MySQL Database for the back-end component, JQuery and Bootstrap for the front-end component. The aim of the project is the digitization of contents, for which particular effort has been spent in the collection of metadata according to the DCIM standard (<http://dublincore.org/>). A mechanism has been implemented to automatically import digitized contents which, starting from the master files, produces the images suitable for the web page by format and size and updates the platform.

The application is a Single Page Application that respects the most modern Web standards and uses the *Infinite Scrolling* mechanism to ensure greater usability and lightness of the application.

Team members: Colaianni Gianluca

09/2016 – 12/2016

Secure File

Cross-platform desktop application that allows you to encrypt specific files on your PC, in order to protect them from viruses and attacks of all kinds. The application uses the combination of the most modern security standards (AES and SHA-256) to generate encrypted files to be stored on your computer, together with a secret random password that is generated during encrypt. The use of a secret password chosen by the user, of the randomly generated key and of a large number of recycles in the use of the hashing algorithm, guarantees the impenetrability of the encrypted files, even to brute force attacks.

05/2015 – 07/2015

Url Shortener

Development of a url shortener service in Java, as regards the server side, and in AngularJS for the client interface. The system is based on a NoSql Key-Value database, Redis, used through the Jedis connector. We used a virtual machine built through the Docker framework. The release involves the creation of a self-installing File Docker containing all the necessary material for the correct use of the software inside it. The Web Server was created through the Java Spark Framework.

The project was developed for the Data Base Design examination with New Generation Models, aa. 2014/2015, Prof. Fabio Fumarola, Bachelor's Degree in Computer Science and Technologies for Software Production.

Team members: Gianluca Colaianni e Gaetano Ziri.

02/2015 – 03/2015

QRGen

Standalone mobile application designed for the generation and parsing of crypted QRCode.

Designed for a case study assigned for the Cyber Security Exam, master degree in Computer Engineering, aa. 2014/2015, Prof. G. Mastronardi.

Team Members: Gianluca Colaiani, Gaetano Ziri

05/2014 – 09/2014

Agroludos

Agroludos is a software system able to manage organized competitions by a farm within its structure. Through the system, users can register for competitions and choose the options provided by the structure for each specific competition.

Project realized for the Software Engineering exam, Bachelor's Degree in Computer Science and Software Technologies, aa. 2013/2014, Prof. G. Visaggio, Prof. P. Ardimento.

Team members: Colaiani Gianluca, Gaetano Ziri

05/2020 – CURRENT

Popark

<https://www.popark.it/>

Popark is a business idea born during the MBA at Collège des Ingénieurs. With other three MBA fellows we detected a business opportunity in the market of electric mobility. We're focused on electric scooter need of secure parking areas with the capability of the charge for the vehicles. This is a need for both private customers (owners of an electric scooter) and companies in the field of the sharing mobility.

The project is in the early stage phase. We've designed some solutions and we started the developments for a mobile application. Moreover, we're candidates for several startup accelerator programs. I'm involved as Chief Technology Officer & Founder.

Team members: Leonardo Rocchetti (CEO), Alessandro Bortoletto (CIO), Alessandro Mancinelli (COO) and Gianluca Colaiani (CTO).

ORGANISATIONAL SKILLS

Organisational skills

- Leadership: I was Team leader of a team with 8 people.
- Excellent leading skills gained as Football Referee from 2012 to 2015.
- Good organizational skills gained as Agonist Athlete during school and university years.

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- Excellent leadership and team building skills gained through my experience as Team Leader.
- Good contact skills gained through my experience as Class Student Representative during High School.
- Excellent communication and management skills gained through my experience as Football Referee in FIGC from 2012 to 2015.

JOB-RELATED SKILLS

Job-related skills

- Requirements Analysis of software systems.
- Design of complex software system using standard modelling languages (UML).
- Knowledge and application of most used Design Patterns applied to Object Oriented programming languages.
- Excellent knowledge of IT banking systems.
- Good knowledge of EMV international standard.
- Good knowledge of most used Application Server (Websphere, WebLogic and Jboss) and Servlet Container Tomcat.
- Discrete Project Management skills.
- Good knowledge of quality control processes.
- Excellent problem solving skills.
- Good knowledge of programming languages Java Standard Edition, Java Enterprise Edition, R, JavaFx, JavaScript, PHP, MySQL, Oracle DB, Android, HTML 5.0, XHTML, Assembly, CSS, Bootstrap, Typescript.
- Discrete knowledge of framework AngularJs.
- Good knowledge of framework Ionic.
- Good knowledge of framework Dropwizard.
- Good knowledge of framework Spring Boot.
- Good skills with NoSql database (Database Key-Value, Column-Oriented, Document-Oriented, Graph-Oriented).
- Discrete knowledge of Drupal CMS.

CERTIFICATIONS

24/11/2020 – CURRENT

Introductory Certificate of Project Management

[IPMA](#)

06/04/2018 – CURRENT

Project Management Course

[PMI - Southern Italy Chapter](#)

07/08/2017 – CURRENT

Front-End JavaScript Frameworks: AngularJS

The Hong Kong University of Science and Technology

<https://www.coursera.org/account/accomplishments/verify/XWM4CHV5UX62>

16/07/2018 – 16/06/2020

Codility Golden Award - Gallium 2018

<https://app.codility.com/cert/view/certQA9CEF-RSJ9STJNGTNZAFF/>

TRATTAMENTO DEI DATI PERSONALI

Trattamento dei dati personali

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base art. 13 del D. Lgs. 196/2003.