

Curriculum vitae

PERSONAL INFORMATION

Giacomo Simmi



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Sex Male | Date of birth 23/07/1991 | Nationality Italian

POSITION

Software Engineer

WORK EXPERIENCE

01/06/2018 – present

IT Solution Architect

Vodafone

Vodafone Village, Via Lorenteggio, 240, 20147 Milan (Italy)

www.vodafone.it

General Responsibilities:

1. Leadership
 - Be a key member of the PMO Division
 - Bridge internal developer community and business community as well as Convert business need into business requirements
2. Solution architect - tasks and responsibilities
 - Translate the overall digital vision and target architecture into corresponding solution designs and change requirements
 - Design end-to-end solutions and cross domain integration and APIs
 - Define non-functional, operational, and quality requirements for solutions
 - Liaise with system owners to design solution architecture for businesses
 - Ensure compliance to solution architectural design in the implementation of projects
 - Provide architectural guidance to the project team
 - Explain technical issues and IT solution strategies to stakeholders and other Billing & IT key members
 - Guide the activities of the solution architecture unit to ensure timely completion of projects
 - Ensure that solution architecture (software / OS / DB / APIs) designed are in sync with business needs and hardware
 - Review the proposal of vendors and suppliers to ensure that quality inputs are delivered at the least possible cost
 - Monitor the activities of external programmers or developers on IT solution projects
 - Identify and mitigate existing business risk or risks associated with solution architecture
 - To be promote collaboration between Developers and system owner throughout a typical DevOps cycle – Planning, Issues tracking, monitoring, configuration management, source control, development environment, continues integration and deployment.

Business or sector Telecommunications (Mobile/Web)

03/04/2017–31/05/2018

Senior Mobile & Full Stack Developer

Atos

Caldera Business Park, Via Caldera, 21/C/1, 20153 Milan (Italy)

www.atos.net

- Solution design, architecture definition and development of advanced web applications and mobile

apps (hybrid and native).

- Analysis of functional requirements, definition of use cases, technical documentation.
- Analysis and definition of Request for Proposal.
- Team leading

Some technologies used: Java, Javascript, jQuery, Typescript, HTML5, CSS3, Struts2, Apache Tiles, JSP, NodeJS, Android, iOS, Apache Cordova, Ionic 2, Angular 4, Spring, SQLite, Oracle DB, Hibernate, Web Services, Adobe Photoshop.

Business or sector Mobile/Software

01/05/2015–01/04/2017 **Mobile Software Developer**

IBM

Circonvallazione Idroscalo – Segrate (Milan), 20090 Milan (Italy)

www.ibm.com

- Solution design, architecture definition and development of advanced web and mobile projects (hybrid and native apps).
- Perform functional analysis, architecture design, development and testing.
- Define and present IT project proposals.

Some technologies used: Android, Java, Javascript, jQuery, CoffeScript, HTML5, CSS3, NodeJS, Apache Cordova, AngularJS, Sencha Touch, IBM Worklight, Spring, SQLite, Oracle DB, Web Services.

Business or sector Mobile/Software

01/01/2014–01/05/2015 **Android Developer**

Open Reply

Via del Giorgione, 59, 00147 Rome (Italy)

www.reply.it

- Analysis and development of Android applications (native and hybrid)

Some technologies used: Java, SQLite, Android SDK, Android NDK, C++, C-Language, JNI, Apache Cordova, Sencha Touch, Web Services, XML, HTML5, CSS3, Javascript, IBM Worklight.

Business or sector Mobile

01/09/2013–01/12/2013 **Android Developer**

University of Liverpool

Merseyside L69 3BX, Liverpool (United Kingdom)

www.liv.ac.uk

Analysis and development of an Android medical application suited for Tablet (Kindle Fire HD 5). The application allows you to monitorate the wounds and to get support for their cure.

Some technologies used: Java, JSON, MySQL, SDK Android, SDK Kindle Fire, UML.

Business or sector Mobile Software

EDUCATION AND TRAINING

2005–2010 **High school diploma as head-technician and perish in computer science**

I.T.I.S. Guglielmo Marconi, Bari (Italy)

Final Grade: 100/100 (summa cum laude)

2010–2013 **Bachelor's degree in Computer Science**

Curriculum vitae

Università degli Studi di Bari, Bari (Italy)

Subjects: methods and models for the analysis of the algorithms and software; advanced methods of programming; database design; models and techniques for the development of software systems; technical management of computer networks; methods for the development of knowledge-based systems; methods for the discovering and auto-processing of digital documents; techniques for the development of interactive and user-centered systems.

I worked on my dissertation at the University of Liverpool through the foreign exchange program (Erasmus). My dissertation talks about the human-computer interaction (HCI) in mobile applications: "SoChild - A social network to control and to support the language acquisition by children".

Final Grade: 110/110 (summa cum laude)

01/01/2013–01/05/2013

Foreign exchange program (Erasmus)

University of Liverpool, Liverpool (United Kingdom)

During the Erasmus program I worked on my dissertation at the University of Liverpool: "SoChild - A social network to control and to support the language acquisition by children".

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1
Certificate of english as foreign language (Level C1)				

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills

- team leader (made up of 7 developers) during the BankUp Mobile App project
- front-end team leader (made up of 3 developers) during the IBM Real Time Credit Engine GUI project
- good team-leading skills gained as karate coach

Digital skills

- I have a good knowledge of the graphic design gained thanks to projects which involve the design of UI (mobile applications and web sites), 3d models (mobile games) and logos (web sites)
- I have an high-level of knowledge of Unity3d, gained thanks to the development of (3d/2d) mobile games

Other skills

Since I was a child, my passion for the computer science is supported by the passion for the sport, in particular by the martial arts.

I always tried to manage my free time in order to play the karate, to study and, obviously, to work.

I'm a professional karate competitor, with different prizes gained in national and international competitions.

Moreover, I have grown the passion for the computer science, participating at different competitions (hackaton, national computer Olympiad) and studying in deep some topics (i.e. mobile development, security issues, game design, UI/UX, ...)

I think that the computer science is constantly growing, and is very important to be motivated and always prepared to undergo further training.

Projects

- **Title:** A2A Energia
Date: 01/2018 – 05/2018
Position: Software Engineer, Project Manager
Description: Management, AMS and development of web applications for A2A Energia. Some technologies used: JBoss EAP 7, Java, Oracle DB, Hibernate, Struts2, JSP, Javascript, jQuery, Apache Tiles, HTML5, CSS3.
Employer: Atos

- **Title:** CSD (Credit Static Data) - Banca IMI
Date: 07/2017 – 01/2018
Position: Solution Architect, Full-Stack Developer
Description: Web application to manage counterparties, creditlines and trades of Banca IMI bank. The front-end is realized with Angular 4, Typescript, Bootstrap 4, Angular Material, Angular-CLI and SASS. The back-end is realized with SpringBoot 1.5.7, Hibernate 5, Oracle 12c, JPA2, JMS
Employer: Atos

- **Title:** Gestione Operativa - Amsa
Date: 04/2017 – 01/2018
Position: Full Stack Developer
Description: Web application to manage and to track activities and data of the entire Amsa group. Some technologies used: JBoss EAP 7, Java, Oracle DB, Hibernate, Struts2, JSP, Javascript, jQuery, Apache Tiles, HTML5, CSS3.
Employer: Atos

- **Title:** XVA GUI - Intesa Sanpaolo
Date: 11/2016 - 03/2017
Position: Solution Architect, Java Developer
Description: Web application to retrieve and simulate xVA (valuation adjustments): CVA, DVA, FVA. The application shows the anagraphic of counterparties, creditlines and trades. The front-end is realized with AngularJS, CoffeeScript, NodeJs, Jade and Less. The back-end is realized with J2EE (Spring 4.2)
Employer: IBM

- **Title:** MyAutogrill
Date: 09/2016 - 12/2016
Position: Senior Android Developer
Description: MyAutogrill is a native Android app with the following functionalities: manage coffee drink points, user recognition at Autogrill points, access to special promotions, e-Invoicing, manage Autogrill cards, manage last purchases, mobile payment
Employer: IBM

- **Title:** Alert System - Intesa Sanpaolo
Date: 09/2015
Position: Solution Architect, Java Developer
Description: Stand-alone Java application (Spring Application), distributed as a runnable JAR. It is a system rules-based (via xml files) and it can be configured to send different types of alerts (e.g. via email, shell script, sql script, Microsoft Lync, SMS, etc.). Additional modules can be used in order to send the alerts via other channels. The conditions to be verified in order to send the alert are described via shell/SQL scripts. My role has been to design its architecture and develop the system.
Employer: IBM

- **Title:** IBM Real Time Credit Engine GUI - Intesa Sanpaolo
Date: 05/2015 - 03/2017
Position: team leader, full-stack developer
Description: Web application to retrieve real time risk metrics and anagraphic of counterparties

and trades in two different views: counterparty entity and credit line; perform the pre deal check for one additional trade on baseline and to reserve the credit line; verify the exposure impact on the credit line of n-trade simultaneously through the creation of artificial portfolios. The project is realized with AngularJS, CoffeeScript, NodeJS, Jade and Less as front-end. Backend is realized with J2EE. The team is composed of a Project Manager, a Solution Architect, two Software Front-End Developer and two Software Back-End Developer

Employer: IBM

- **Title:** Rcs MediaGroup - Corriere della Sera DE
Date: 02/2015 - 05/2015
Position: Android developer
Description: The first Italian newspaper for spread, power and history with a completely redesigned, simple and smooth interface. The reading of the newspaper and magazine (and all the local editions) are enriched with new services: updates, multimedia content and new features will guide you through the newspaper. An always live app with premium content is continuously updated by a dedicated editorial staff. They will offer you the tools to read and understand the facts of the day in Italy and in the world.
Link: <https://play.google.com/store/apps/details?id=it.rcs.corriere>
Employer: Open Reply
- **Title:** BankUp Mobile - Veneto Banca
Date: 06/2014 - 02/2015
Position: Team Leader, Android developer
Description: Veneto Banca Mobile is an hybrid mobile banking application developed with the native Android SDK and with the framework IBM Worklight. This application has the following features: transfers, historical transfers, profits management, accounts and credit cards management, phone topups, payments, transactions tagging, branches locator, trading.
Link: <https://play.google.com/store/apps/details?id=com.VBSmartPhoneApp&hl=it>
Employer: Open Reply
- **Title:** CNH - Mobile Dealer Connect
Date: 04/2014 - 06/2014
Position: Android developer
Description: CNH Industrial is a global leader in the capital goods sector that, through its various businesses, designs, produces and sells agricultural and construction equipment, trucks, commercial vehicles, buses and specialty vehicles, in addition to a broad portfolio of powertrain applications. The Mobile Dealer Connect (MDC) solution for CNH is based on mobile applications that allows to dealers to improved their seller experience. MDC brings the seller toolkits in a mobile solution that can be used interactively with the dealer's customers. The applications is made by many sections that can be added in future releases. Wholegoods is an interactive product catalog, the dealer can navigate through the product lines and make their own collection of data (documents, videos, photos) that can be used for the seller purpose. The Finance Services offers the QuickCalc calculator that can be used to calculate the customer loan for a specific product. Track&Trace is a tracking parcel application and is used to track the delivery status of the replacement parts. ASIST is the knowledge base used to find the solution to issues that the customer could have using a specific model of equipment.
Employer: Open Reply
- **Title:** Corriere dello Sport
Date: 04/2014 - 06/2014
Position: Android developer
Description: This application allows you to navigate through the posts and multimedia contents of the newspaper "Corriere dello Sport". You can share this contents with the main social networks (Facebook, Twitter, Google Plus, WhatsApp). The application is developed using the native Android SDK and the framework Apache Cordova.
Link: <https://play.google.com/store/apps/details?id=com.froggy.android.apps.corrieredellosport&hl=it>
Employer: Open Reply
- **Title:** Tuttosport
Date: 04/2014 - 06/2014
Position: Android developer

Description: This application allows you to navigate through the posts and multimedia contents of the newspaper "Tuttosport". You can share this contents with the main social networks (Facebook, Twitter, Google Plus, WhatsApp). The application is developed using the native Android SDK and the framework Apache Cordova.

Link: <https://play.google.com/store/apps/details?id=com.froggy.android.apps.tuttosport&hl=it>

Employer: Open Reply

- **Title:** Eni Station

Date: 01/2014 - 05/2015

Position: Android developer

Description: Eni Station provides an home page with four sections: travel services, loyalty programs, rewards catalog and promotions. In the "travel services" section you can find the Eni Station stations. The "loyalty programs" section has five subsections: historical points, prizes, management points, bank statements and personal profile. In the subsection "historical points" there are: total points, points earned when you fuel (with the name of the distributor) and points spent. The subsection "prizes" allows the user to get some prizes available; in this subsection you can also see the prizes required and you can cancel the request. In subsection "management points" you can transfer points from one card to another, you can credit the points by a voucher, you can enter a promotional code and you can convert the points in IoSi. In the subsection "bank statements" you can select a card in order to see the bank statement. In the subsection "personal profile" you can view and edit the user information. Moreover you can view the details about the user cards and you can add new cards. In the "rewards catalog" section you can view the rewards catalog with some details (points required, how to receive it) for each reward and you can reclaim some rewards. In the "promotions" section you can see the promotions for all users and access to the details in order to join the promotion. After the login in the loyalty area, you can access to the promotions suited for "loyalty" users.

Link: <https://play.google.com/store/apps/details?id=com.eni.enistation>

Employer: Open Reply

- **Title:** Parking Crazy

Position: game developer

Description: design, definition and development of an Android arcade/racing game. The game is developed with Unity3d.

- **Title:** AdiSys

Position: mobile developer, back-end developer.

Description: solution design, architecture definition and development of AdiSys: a software to manage the medical history of the patient and to manage and to schedule the house assistances of the nurses. AdiSys is made up of a client application for Android used by the nurses and a client (for desktop pc) to manage the informations acquired by the mobile client.

Publications

- **Title:** PSNR-JNDR: a new digital image quality metric based on human visual system.

Description: analysis and creation of "PSNR-JNDR": a new digital image quality metric based on human visual system.

Link: <https://app.box.com/psnrjndrr>

Certifications

- **Title:** CCNA Discovery 1: Networking for Home and Small Businesses

Date: 02/2010 - 03/2010

Description: The course, the first of four in the new curriculum, teaches networking concepts by applying them to a type of network you may encounter in a home or small office.

- **Title:** IBM Certified Mobile Application Developer - Worklight Foundation V6.2

Date: 30/11/2015

- **Title:** Associate Android Developer - Google Developer Certification

Licenza: 11027994

Date: 28/11/2017

Link: credential.net/q2r989ee