

CURRICULUM VITAE



Personal information

First Name, Family Name

GIANCARLO SCATTOLIN

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Nationality

Italian

Date of birth

20/03/69

Gender

Male

WORK EXPERIENCE

- **Dates** November 2016– Today
 - **Name and address of employer** **Pegasus I.I.c.**
HQ Building, Al Raha Beach
- Abu Dhabi - United Arab Emirates
 - **Type of sector** Security (Government)
 - **Occupation and Position held** Solution Architect. Agile/Scrum methodology.
 - **Main activities and responsibilities**
Leading a team of twenty members on agile scrum process. I provide code review and mentoring for junior developers, helping on performance tuning and POC. I spend 80% on developing and 20% on management. Microservice architecture for a big data analytic platform in an enterprise system. I identify requirement gaps, lack of testing cases and improving code clean on project following SOLID principles.
 - **Project description** *Solution Architect of a security project based on Big Data technology and micro service architecture.*

Tools: Java 11, Spring, Scala 2.13, Akka, Python 2.7/3.8, Spring Cloud, Scala Play, ReactJs , Elasticsearch (EKL) , Docker, Kubernetes , Maven, Jenkins, Jira, Git, Kafka (messaging), JUnit, Selenium, Mockito, CI/CD .
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- **Dates** November 2015– October 2016
 - **Name and address of employer** **Pegasus I.I.c.**
HQ Building, Al Raha Beach
- Abu Dhabi - United Arab Emirates
 - **Type of sector** Security (Government)
 - **Occupation and Position held** Team Leader of a security project based on Big Data technology and micro service architecture.
 - **Main activities and responsibilities**
Design (50%), develop (40%) and deploy (10%) a distribute system based on micro services architecture. Selection of the technologies available on the market, UML design, pattern, Proof of Concept, guidelines. Writing of the service template, code review and TDD. Supporting for deployment on cooperation with IT department.

• Project description	<p>Solution architect of a security project based on Big Data technology and micro service architecture.</p> <p><i>Tools:</i> IntelliJ Idea, Java 8, .NET 4.5, Visual Studio 2015, Play 2 for Scala, Akka .NET, Spring, Spring.Cloud, Spring.Consul, Python 2.7, Data lake Architecture, Cassandra, Kibana, Hadoop, Hive, Sqoop , Spark. Aurelia.js, MongoDB , ElasticSearch (EKL) , Docker, Ansible 2, Nginx, Grup, Jenkins, Git, Kafka (messaging), JUnit, Mockito .</p>
• Reference	-Confidential –
• Dates	June 2015– November 2015
• Name and address of employer	<p>ATS Group Limited Sky Towers, 23rd Floor Al Reem Island - Abu Dhabi - United Arab Emirates</p>
• Type of sector	Security (Government)
• Occupation and Position held	Team leader developer. Agile/Scrum methodology.
• Main activities and responsibilities	Design database tables, develop stateless multithreading services using Scala, tuning and performance improving on backend and queuing messaging system, adding/extending features to the existing code, refactoring no-sql layer, debugging and unit/integration/load testing.
• Project description	<p>Team leader developer of a security project. The application is a multithreading, real time data processing application, an enterprise security surveillance and monitor system based on SOA services. <i>Tools:</i> Eclipse,C# .NET 4.5, WCF, NServiceBus, Angular, ORMs (Entity Framework, ADO.NET),TDD,XML, XSLT,WCF (SOA), SOAP,REST , Queuing technologies, ESB and EAI (bus architectures) , Relational databases: (SQL Server 2012/14 with SQL SSRS , SQL SSIS) ,XUnit, Moq.</p>
• Reference	-Confidential –
• Dates	July 2014 – May 2015
• Name and address of employer	<p>ATS Group Limited Sky Towers, 23rd Floor Al Reem Island - Abu Dhabi - United Arab Emirates</p>
• Type of sector	Security (Government)
• Occupation and Position held	Senior software developer. Agile/Scrum methodology.
• Main activities and responsibilities	Design database tables, develop wcf stateless multithreading services using Rx and TPL, tuning and performance improving on backend and queuing messaging system, adding/extending features to the existing code, refactoring no-sql layer, new WPF components for UI, debugging and unit/integration/load testing.

- Project description

Senior software developer of a security project. The application is a multithreading, real time data processing application, an enterprise security surveillance and monitor system based on SOA services, around 100 servers (WCF) on load balancing, 3 DataCenter (Oracle/MongoDb) with caching (Azure Redis), for hundreds of clients (WPF) .Tools: Visual Studio 2013, C# (.NET 4.5) with TPL/RX ,WPF(Prism, MVVM, MEF-Unity), 3rd party UI libraries, WCF with Code Contracts, Multithreading and EventAggregator, StructureMap, MongoDB, ORMs (Entity Framework, ADO.NET),TDD,XML, XSLT,WCF (SOA), SOAP,REST , Queuing technologies, ESB and EAI (bus architectures) , Relational databases: (SQL Server 2012/14 with SQL SSRS , SQL SSIS) ,XUnit, Moq.
- Reference

-Marcel Ionescu – Software Program Manager
- Dates

January 2014 – June 2014
- Name and address of employer

Memory Search Consulting FZE
Floor 8, BC 4, RAK FTZ Business Park, Al Nakheel
RAS AL KHAIMAH
- Dubai -
- Type of sector

Software House
- Occupation and Position held

Architect. Agile/Scrum methodology. Contract.
- Main activities and responsibilities

Team leader of an agile team of 4 software developers. Design database structure, tuning and performance, define best practices and code review, refactoring and unit/integration/load testing. Assign daily tasks, developing of the software main components. Tutoring juniors' developers. Provide team status reporting of team activities. Coordinate with external customers.
- Project description

Team Leader and Architect software developer of different projects (banking, trade flow management, security). Main products: CFD, spread betting and forex. The applications are multithreading system based on SOA services. Deployment on multiple server 2012 and Win7 clients. Tools: C# (.NET 4.5) with TPL ,WPF (Prism, MVVM, MEF), RX, SharePoint 2010, Multithreading and EventAggregator, AutoMapper, 3rd party Telerik, multi-tier / n-tier,ORMs (Nhibernate), MongoDB , TDD, XML, XSLT, WCF (SOA), 3rd party UI components (Infragistics 2013.2), Queuing technologies, Tibco RendezVous messaging, Relational databases: (SQL Server 2012/2014)
 Software methodologies : Agile (Scrum, Kanban)
- Reference

- Confidential
- Dates

July 2013 – December 2013
- Name and address of employer

JTI – Japan Tobacco International
 Diedenhofener Straße 20
 54294 Trier -Germany
- Type of sector

Tobacco sector.
- Occupation and Position held

Senior Developer. Agile/Scrum methodology. Contract **extension.**

• Main activities and responsibilities	Design database tables using EF, develop MVC server side and Knockout/Angular js code, tuning and performance improving on backend, creating responsive HTML5 pages for UI, refactoring and debugging. Implementation Cassandra prototype. Code review and pair programming for helping junior developers to keep the enterprise level of the project.
• Project description	Senior software developer of an international ERP (codename LeafPoint) project. The application runs in dozens of countries and support the entire industrial process. The international team has developed it using the latest MS technologies. Tools: ASP.NET 4.5, MVC 4, Web-WCF-Restful services, <i>Visual Studio 2012</i> , MS-SQL 2012, StructureMap, MS-Queue, <i>Knockout.js</i> , <i>Jasmine</i> , <i>Angular.js</i> , <i>Bootstrap</i> , <i>HTML5</i> , <i>CSS</i> , Entity MongoDB, Cassandra, Framework 5, MS Enterprise Library, ReSharper, MS-Queue, MS-UnitTest, Machine Specification tests.
• Reference	Mr. Barry Steel-Smith, software development lead.
• Dates	October 2012 – July 2013
• Name and address of employer	JTI – Japan Tobacco International Diedenhofener Straße 20 54294 Trier -Germany
• Type of sector	Tobacco sector.
• Occupation and Position held	Senior Developer. Agile/Scrum methodology. Contract.
• Main activities and responsibilities	Database Sql main tables using EF (code first), develop MVC server side and Knockout UI code, implementing server side business services, creating responsive HTML5 pages for UI. Coordinate with Architect and business analysts to determine functionalities. Design and develop unit/integration tests C# and JavaScript. Configure IoC and messaging frameworks.
• Project description	Senior software developer of an international ERP (codename LeafPoint) project. The application runs in dozens of countries and support the entire industrial process. The international team has developed it using the latest MS technologies. Tools: ASP.NET 4.0, MVC 4, Web-WCF-Restful services, Visual Studio 2010, SharePoint 2010, MS-SQL 2008R2, StructureMap, MS-Queue, Knockout.js, DevExpress, SOA, DataBus, Nhibernate 3/Fluent, Entity Framework 5, MS Enterprise Library, ReSharper, MS-Queue, MS-UnitTest, Machine Specification tests.
• Reference	Mr. Barry Steel-Smith, software development lead.
• Dates	September 2011 - October 2012
• Name and address of employer	Imago Technologies GmbH Strassheimer Str. 45 61169 Friedberg - Germany
• Type of sector	Software House. Pharmaceutical sector.
• Occupation and Position held	Project Manager/Architect (Time =50% Management-50% Support/Development) - Contract 12 months+ ext.

• Main activities and responsibilities	Provide the teams with a vision of the project objectives. Strive for team consensus and win-win agreements. Interview for new members. Allocation of the budget and milestones. KPI. Reporting status upgrades to the customers. Monitor and enhance software development through entire lifecycle. Manage software release with stakeholders. Code review.
• Project description	Project software architect and process supervisor of a project with a budget around 1.5 M\$. Coordination between software offshore outsourcing teams. Real-time multithreading software for imaging analysis. Backend/Frontend interface with an automatic system. Developing model and software architecture, Risk deployment, automation scripts. Pharmaceutical company. Tools: Java/J2EE, Spring, Eclipse, Websphere, JBoss, Hibernate, Oracle 10g-11g, SharePoint 2007.
• Reference	Mr. Fabio Cardella , software development manager.
• Dates	January 2010 – September 2011
• Name and address of employer	MediaEngine s.r.l. Via Palermo 5, 20121 Milano
• Type of sector	Software House.
• Occupation and Position held	Software Engineer/IT Consultant – Contract 6 months+ ext.
• Main activities and responsibilities	Design, develop and implement the new solution. Design database, build services and UI. Work on the full SDLC as Senior developer. Tutoring a junior developer and pair programming. Reporting status upgrades to the development manager.
• Project description	Design and development of an Intranet software for sales management, production and CRM. The final customer is one the major UK company. <u>50% Time</u> . Tools: C# asp.net 3.5, javascript, css, html, nettiers, Telerik components, MS-SQL 2005,2008. Framework: MVC, WCF, Entities.
• Reference	Mr. Luca Decarli, Development Manager.
• Dates	September 2008 – September 2011
• Name and address of employer	Lonostest s.r.l. , Via Mentana 17, 20052 Monza , Milano.
• Type of sector	industrial automation. Contract 24 Months – Ext.
• Occupation and Position held	Software Engineer Consultant.
• Main activities and responsibilities	Design, develop and implement the new solution. Design database, build services and UI. Work on the full SDLC as consultant developer. I was the supplier for the full implementation/deploy/testing of the software solution.
• Project description	Maintenance and development of the internal software. Interface of the measuring device with a multitasking system for statistical data collection. Firmware and graphic user interface. Tools: C# Asp.net 3.5, MS-SQL 2005, 2008, Visual Basic 6, Silverlight. Occasional tasks, Oracle 10g. 10% Work Time.
• Reference	MR. VINCENZO LAMURA, CEO.

- Dates September 2007 – June 2009
 - Name and address of employer **SIDERURGICA GABRIELLI SpA**, via Ca' Nave 95, Cittadella-Padova <http://www.siderurgicagabrielli.it>
 - Type of sector Group Leader in steel production. Contract 12 months – Ext.
 - Occupation and Position held Software Engineer/IT Consultant
 - Main activities and responsibilities Design, develop and implement the new solution. Design database, build services and UI. Work on the full SDLC as consultant developer. I was the supplier for the full implementation/deploy/testing of the software solution.
 - Project description Design and Development of a supervision software for a quality check laboratory. Integration between mechanical and chemical devices software. Remote control of third party software. 10% Work Time.
 - Reference Visual Basic 6, Delphi 2007, Assembly 80x86.Windows XP Pro. Mr. Giuseppe Zonta, Quality Manager.
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- Dates October 2008 – January 2009
 - Name and address of employer **LOMBARDINI GROUP**, Via Cav. Del Lavoro A. Lombardini 2, Reggio Emilia
 - Type of sector Company group of heavy mechanical production - Contract 6 months + Ext.
 - Occupation and Position held Software Engineer/IT Consultant
 - Main activities and responsibilities Design and Development of a supervision software for production check and control of a robotized line. Database production and statistical controls. 10% Work Time.
 - Reference Visual Studio 2005 C# and MS SQL Server. Windows XP Pro. Mr. Luca Marras, Production Manager.
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- Dates September 2007 – June 2009
 - Name and address of employer **KLAIN SRL**, Via Quinzano 81/m, Castelmella - Brescia
 - Type of sector Robot Denso Integrator. Contract 12 months+ Ext.
 - Occupation and Position held Software Engineer/IT Consultant
 - Main activities and responsibilities Design, develop and implement the new solution. Design database, build services and UI. Work on the full SDLC as consultant developer. I was the supplier for the full implementation/deploy/testing of the software solution.
 - Project description Design and Development of software interface for robot calibration and simulation – multithreading C++ layer with Delphi 7 for UI. MS-SQL
 - Reference Mr. Fabio Greco, Sales Manager. 10% Work Time.
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- Dates 01/10/2007 – 01/02/2009

<ul style="list-style-type: none"> • Name and address of employer • Type of sector or business • Occupation and Position held • Main activities and responsibilities 	<p>EVOLUT SpA, Via Padana Superiore 111/a, Castegnato Brescia</p> <p>Robot Integration and industrial automation.</p> <p>Software Engineer/IT Consultant - Contract 24 months..</p> <p>Design, develop and implement the new solution. Design database, build services and UI. Work on the full SDLC as consultant developer. I was the supplier for the full implementation/deploy/testing of the software solution.</p>
<ul style="list-style-type: none"> • Project description 	<p>Manager for the design, development and implementation of a new artificial vision software and imaging for the robot guide and quality inspection system. As of today, the software is being used on 400-500 robot systems.</p> <p>International Customer service and technical support manager (Usa, Canada, Europe). 90% Work Time.</p> <p>Delphi 7/Java, C++, Matrox Library, Cognex Library, Intel Library.</p>
<ul style="list-style-type: none"> • Reference 	<p>Mr. Fabio Leporati, Maintenance Manager.</p>
<ul style="list-style-type: none"> • Dates • Name and address of employer • Type of sector • Occupation and Position held • Main activities and responsibilities 	<p>January 2003 – 01/10/2007</p> <p>Evolut SpA, Via Padana Superiore 111/a, Castegnato Brescia. www.evolut.it</p> <p>Robot Integration and industrial automation. – Contract 36 months + Ext.</p> <p>Software Engineer/Project Manager</p> <p>Design, develop and implement the new solution. Design database, build services and UI. Work on the full SDLC as consultant developer. I was the supplier for the full implementation/deploy/testing of the software solution.</p>
<ul style="list-style-type: none"> • Project description 	<p>Design and Development of a vision system software to check quality, robot guide, production and assembly. Development of a software supervision, data acquire, barcode reader and check production. Delphi 7, Delphi 2007/Java. MySQL, Cognex Library, Intel Library. Windows XP Pro, C# Visual Studio 2003-2008. 10% Work Time.</p>
<ul style="list-style-type: none"> • Reference 	<p>Mr. Luisa Lesini, Sales Manager.</p>
<ul style="list-style-type: none"> • Dates • Name and address of employer • Type of sector • Occupation and Position held 	<p>December 1996 - December 2002</p> <p>EVOLUT SpA, VIA PADANA SUPERIORE 111/A, CASTEGNATO BRESCIA</p> <p>Robot Integration and industrial automation.</p> <p>Manager R&D – Permanent</p>

• Main activities and responsibilities	Build a new R&D team. Develop technical solutions for the robotic industry. Create an environment oriented to creative thinking and coach the develop team. Coordinate with external customers/suppliers. Ensure deliverables are ready to satisfy the project requirements. Handle review, presentation and release of design layouts, analysis and other documentation. Project management, check requirements, costs and schedules.
• Project description	Senior Developer manager. Management of the company's core technology department support for the new production. Provided support and technical assistance on site. Network Administrator. Maintained office Wan, secured WAN and provided computer technical assistance, support and training.
• Reference	Mr. Fabio Leporati, Maintenance Manager.

CERTIFICATION:

Togaf Foundation Certification Id 101727 November 2015 (Enterprise Architect)
[AWS Solution Architect Associate on June 2020](#)

EDUCATION AND TRAINING

• Dates	September 1989 – April 1997
• Name and type of organization providing education and training	Politecnico of Milan (University)
• Title of qualification awarded	Master's Degree in Electronic Engineering
• Vote	88/100
• Dates	1/09/1984 – 15/06/1989
• Name and type of organization providing education and training	ITIS Lonato - Brescia
• Title of qualification awarded	Industrial mechanical and technical High School.
• Vote	52/60

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE(S) **ITALIAN**

OTHER LANGUAGE(S)

ENGLISH
Self-assessment
European level (*)

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Prof. .user	C1	Prof. .user	C1	Prof. .user	C1	Prof..user	C1	Proficient User

(*) **Common European Framework of Reference for Languages**

Social skills and competences

Reliable team worker.
 Open-mind attitude and fast problem-solving skills.
 Good attitude for the customers' satisfaction with directly experience on site. Team leader with mixed work team of internal and off shore teams.

Organizational skills and competences

Management of a software development department or group
 Project management. Design, code, debug and document software in differents languages. Project leader of software maintenance. Financial/Budget Management Software Development.

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License B.

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Milan, Dec '17
 Eng. Giancarlo Scattolin