MARCO SOLINA

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PROFILE 🔗

A multilingual web developer with more than 14+ years of experience in IT Consulting and programming with technologies such as Java, J2EE, JPA, Apache OpenJPA, HTML, Javascript, PHP, CSS, jQuery, MVC, COBOL, SQL, MySQL, PostgreSQL, DB2, IBM AS/400, Objective C, C#, SVN, GIT, Apache Tomcat, JIRA, Jenkins, Python, Spring, Spring MVC, Spring Boot, React JS

PROFESSIONNAL EXPERIENCE

Apr 2017 - Present: **IXICO PLC** 🔗 , London, United Kingdom

- Design, code and unit test web and mobile applications by applying advanced knowledge of modern programming and scripting languages utilized in web environments which include but is not limited to Java, SQL, JavaScript/AJAX, HTML5 and CSS3
- Participating in an agile scrum team to provide estimates, design, planning, and continuous improvement initiatives.
- Promoting best practices on how to design and build quality, scalable software.
- Driving innovation by coming up with new and surprising ideas for the company's products and development processes
- Working closely with other developers on software architecture, design, dependencies and code maintainability
- Create and maintain documentation for source code that is produced.
- Debugging defects and troubleshooting issues reported by customers.
- Code maintenance through SVN and GIT
- Supervising Junior developers
- Continuous Integration (CI) and Continuous Delivery (CD) with Jenkins
- Developing web application and web services with Spring Boot, Spring MVC, Thymeleaf
- Deploying web application on Tomcat application servers
- Writing / maintaining plugins written in Python.
- Design and develop Spring Boot microservices.
- Design and develop RESP API
- Design and develop Single Page Applications (SPA) with React JS
- Design and develop Single Page Applications (SPA) with Material UI
- Writing BDD Behavior driven development tests
- Writing test automation scripts with Selenium
- Writing test automation scripts with Specflow
- Writing test automation scripts with Gherkins Syntax
- Developing and deploying software using Microsoft Azure DevOps
- Developing, testing, deploying and managing .NET/C# micro services in Microsoft Azure Cloud
- Continuous Integration and Continuous Delivery with Azure DevOps
- Working with the product manager and the business team to collect the requirements.
- Investigating bugs or issues in validation / live environment
- Providing support during UAT
- Providing support during deployment into live environment
- Writing test automation using Playwright

- Writing Wiki pages to share the knowledge with the team

Sept 2008 – Feb 2017: **SOLARI SISTEMI S.R.L.** in , Manerbio, Lombardy, Italy

- Software development for clients in financial and insurance sectors (Unicredit, Volkswagen, Sigma Studi assicurativi Brescia)
- Supervising, upgrading, revising the development of Credit Securitization Software Project
- Analysing and development of Java J2EE web applications with Eclipse and WebSphere application server.
- Analysing and development of Java 8 web applications with Eclipse, Wildfly (Jboss) application server and Apache Open JPA
- Participating in meetings with clients and translate business requirements into technical solutions
- Working with Agile Scrum methodology
- Working with Product Owner and the rest of the team in order to design, develop, test end deploy the software
- Working with the team in a continuous delivery environment
- Working with the team in order to deliver the best software solution and reliable services
- Code management utilizing CVS and SVN
- Developing SOAP and REST Web Services
- Developing applications following a custom MVC framework
- Developing COBOL applications
- Database management with DB2 systems for IBM
- Database management with PostgreSQL
- Database management with JPA API and Apache Open JPA
- Developing iOS app in Objective C

Feb 2013 – Jun 2016: **MICRO DEVICE S.R.L.** in , Flero, Lombardy, Italy
- Researched solutions for old home automation system designed by Micro Device
- Working with the team in order to deliver the best software solution and reliable services
- Developed web application using Apache, HTML, Javascript, jQuery, CSS, PHP, MySql

Mar 2015 – Jul 2015: **ITALIA SMART BUILDING S.R.L.** in , Flero, Lombardy, Italy
- Developed a custom management web application
- Design and develop the software according to the client needs
- Test and deploy the software
- Developed web application using Apache, HTML, Javascript, jQuery, CSS, PHP, MySql

Sept 2006 – Sept 2008: **SIAS Lab S.R.L.,** Cellatica, Lombardy, Italy
- Laboratory technician

PERSONAL PROJECTS

I my free time I work on different projects, I am trying to learn new tools / framework and apply them to personal projects:

Home Automation
I am realizing a home automation system designed for private homes, based on Arduino single-board microcontroller and Raspberry Pi single-board computer. Visit my website for more information at this link

Counter Strike Manager
A React JS UI and bunch of microservices to manage a CS server, game data, team balancing the gamas with my friends link

Italian Covid Status
In 2019 I have created a simple website to display the Covid 19 situation in Italy link

Other projects
I have published some other projects on my GitHub account link

EDUCATION

Sept 2022 :	**Microsoft Certified : DevOps Engineer Expert**
	Pearson VUE Milan
Sept 2021 :	**Microsoft Certified : Azure Developer Associate**
	Pearson VUE Milan
Sept 2019 :	**Oracle Java OCP Certification**
	Pearson VUE Milan
Jul 2018 :	**Oracle Java OCA Certification**
	Pearson VUE London
Dec 2016:	**Python certificate**
	University of Michigan (Distance learning)
Sept 2016:	**English course Level B1 intermediate**
	Clubclass, Malta
Feb 2016:	**Objective-C base and intermediate course**
	ITCore Business Group, Saronno
2003-2006:	**Bachelor of Computer Science and Engineering**
	University of Brescia, Lombardy, Italy
1998-2003:	**Diploma of Electro-Technology Engineering**
	Professional State Institute for the Industry and Crafts, Brescia, Lombardy, Italy

LANGUAGES:
Italian Mother tongue
English: Fluent
Bulgarian: Intermediate

Leisure: Opera, skiing, traveling.