Mario Piazza

Software Engineer

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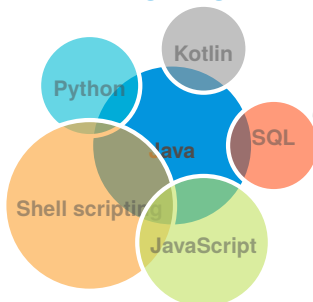**mario.piazza@**
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Links
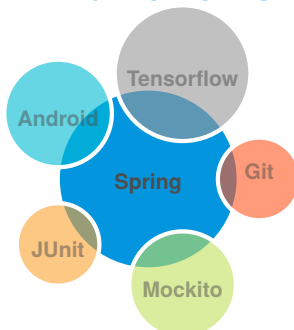github.com/
kyokokken
linkedin.com/in/
piazzamario

Main Languages

Kotlin, Python, Java, SQL, Shell scripting, JavaScript

Main Tools & Frameworks

Tensorflow, Android, Spring, Git, JUnit, Mockito

Profile

Playing with computers since I was 6. Senior Java Developer with 5+ years on real-world projects. Interested in Machine Learning applications.

Experience

03/19 - Now **Analyst Developer**   Alten

- Joined a dev team using Agile methodologies at Banking clients.
  Begin development of a tool in Java 8 and Struts 2 for WebSphere 9.0 using IBM MyEclipse.
- Report building and maintenance of a legacy database written in MSSQL 2005.
- Lead developer of a Java Web Application.
  Development from scratch of a Spring Boot 2 application for translating REST-to-SOAP messages. Used TDD with Mockito, JUnit and RestAssured.
- Lead developer of a serverless Android application integrated with external services.
  Written in Kotlin and integrated with AWS Polly and Rekognition, Scipafi and Mobbscan services.

Skills and frameworks used:
Java, Kotlin, Git, AWS, React Native, Struts, MyEclipse, WebSphere, Spring Boot, Tomcat, Swagger, Lombok, Hibernate, Mockito, RestAssured, JUnit, Markdown, MongoDB, Node, JavaScript, WebSphere, T-SQL, IIS, C#, SQL Server reports (Creation of RDL)

01/16 - 03/19 **IT & Telecommunications Architect**   Best Continent

Building of network and telecommunications infrastructure.
- Based on Asterisk PBX
- Configuration of 6 VoIP phones, Patton VoIP gateway and Cisco switch
- Managed regular backup and maintenance

Helped customer integrate their systems with XML/API hotel suppliers.
Development of a Web Application using Google App Engine for Java with authentication and caching support.
Website development in wordpress, with creation of custom plugins and post types.
Skills and frameworks used:
Asterisk, CentOS, Git, Java, Spring Boot, Lombok, Thymeleaf, Hibernate, JUnit, MySQL, Wordpress, PHP

01/08 - 01/16 **IT Engineer**   Garibaldi Relais

Extension of existing Excel application at accommodation business.
Integration with external program with remote control support.
Implementing UX improvements.
Skills and frameworks used:
Excel VBA, Git, Java, Spring, Android development, Hibernate, MySQL, Cordova

Knowledge

Languages
Italian ★★★★★
English ★★★★☆

Java, Spring, Kotlin, Android Development, Shell Scripting (POSIX-compatible), Git, AWS, Python, Hibernate, JUnit, Mockito, Struts, Node, (No)SQL, JavaScript, VBA for applications, C#, Thymeleaf, React, HTML/CSS/JS, PHP, Tensorflow, Keras, LaTeX, Markdown, AsciiDoc, Linux(Ubuntu, Debian, CentOS), Vim, Jetbrains IDEs, Regex, Scrum, Functional programming, OOP, TDD, Clean code & SOLID principles, Design Patterns

Education

2001 - 2008	**Bachelor's Degree in IT Engineering**	University of Palermo
	Score 97/110	
	Courses included: Algorithms, Artificial Intelligence, Robotics	

Portfolio

2018	**Slide Gems**	Multiplatform Game (Desktop/Android/iOS/HTML)

Play Store Link

Certifications

05/15	edX
edX Honor Code Certificate for Introduction to Linux	
08/14	Coursera
Algorithmic Thinking	
08/14	Coursera
Principles of Computing	
07/14	Coursera
Pattern-Oriented Software Architectures: Programming Mobile Services for Android Handheld Systems	
06/14	Coursera
Web Application Architectures	
03/14	Coursera
Programming Mobile Applications for Android Handheld Systems	
02/14	Coursera
Cryptography I	
07/13	Coursera
Malicious Software and its Underground Economy: Two Sides to Every Story	
06/13	Coursera
Introduction to Data Science	
12/08	Cisco
CCNA Exploration	

About my programming style

I value testing and documentation
I write documentation of everything I do
I use TDD as a design tool
I try to follow SOLID and clean code principles as much as possible
I know most of the common Design Patterns

Other Info

For the Italian job market:
Si autorizza il trattamento delle informazioni contenute nel curriculum in conformità alle disposizioni previste dal d.lgs. 196/2003. Si dichiara altresì di essere consapevole che, in caso di dichiarazioni non veritiere, si è passibili di sanzioni penali ai sensi del DPR 445/00 oltre alla revoca dei benefici eventualmente percepiti.

June 1st, 2019

Mario Piazza