Diego Amicabile

Data, Machine Learning and Full Stack Engineer

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Experienced Full-Stack Engineer focusing on Machine Learning and Data Engineering.

Over 15 years' experience designing, developing and deploying IT applications.

High competence in understanding customers' needs and requirements.

Successfully as a Software Developer and IT Project Manager in Italy, Germany and Poland.

≡ Skills ¹

Programming Languages: Java, Python, Pascal, Javascript, C, PL/SQL, Bash/Shell scripting, HTML/CSS, C++

Data Science: Numpy, Pandas, Matplotlib, Scipy
Machine Learning: Scikit-learn, Tensorflow, Keras

Natural Language Processing: Gensim, Spacy, NLTK, Word2Vec, Tfidf, Textacy

Streaming: Spark, Kafka

Java Frameworks: Swing, Struts, Webwork, Spring MVC, Freemarker, JAX-RS, Spring, Hibernate, EJB, Wicket,

JSF, DWR, Junit, TestNG, Jasperreports, JAXP

Python Frameworks: Requests, Flask, Jinja2, Google App Engine, Scrapy, Beautifulsoup, Jupyter

Javascript Frameworks : JQuery, Node.js, Angular.js, D3.js, Express

Databases: Oracle Database, MySQL, Sybase

IDEs: IntelliJ Idea, Eclipse, Pycharm, Webstorm, Vim Development Tools: Anaconda, Git, Maven, SVN, Mercurial, Ant, Pip

Application Servers: Tomcat, Websphere Application Server, JBoss, Oracle Weblogic

Operating systems: Linux Ubuntu, Windows 7, Linux Mint, Windows 8

Project Management: PMP, Scrum, Kanban

Deployment: AWS, Docker, Nginx, Apache Web Server

Other: UML, REST/JSON, SOAP/XML, HTTP, Hudson, Jenkins

Work Experience

November 2017 August 2017

Data Scientist, Data Science Retreat, Berlin (Germany)

Studied and practiced Machine Learning, Data Engineering and Data Science skills, using Python:
 > Practised Data Analysis with Numpy, Pandas

- > Tractised Data Anatysis with Numpy, randas
- > Practised Machine Learning with Scipy, Scikit-learn
- > Practised Deep Neural Networks with Tensorflow, Keras
- > Practised Data Pipelines and streaming with Spark, Kafka
- > Practised Data Visualization with Matplotlib, D3.js.
- > Practised Natural Language Processing techniques with Nltk, Spacy, Gensim, Textacy
- > Practised deployment with Docker, AWS, Ubuntu
- ➤ As a portfolio project, I created a web portal aggregating IT articles from different sources relating the same story: www.techcontroversy.com

 Python
 Gensim
 Pandas
 Spacy
 Scikit-learn
 MySql
 Flask
 Jinja2
 AWS

July 2017 July 2013

IT Project Manager, Comarch SA, Cracow (Poland)

Managed the integration of a Personal Financial Management software into the portal of several banks, fulfilling among other the following tasks:

- > Deployment, integration and customization of the software
- > Configuration and integration of the categorization engine
- > Management of the development of features
- > Management of the development of APIs
- > Deployment of APIs interfacing to the banks' applications
- > Requirements analysis and definition

Java J2EE | Spring | Hibernate | Websphere | Freemarker | Javascript | Angular.js | Python | REST/JSON |

June 2013 January 2010

Senior Developer, Pentasys AG, München (Germany)

Developed applications based on Java, J2EE technologies and Javascript:

- > Developed several mobile web applications in the mobile portal of a mobile network operator
- > Enhanced and refactorized an existing application used by an automotive company for the management of the configuration of trucks
- > Enhanced the shop and the contract management components of the web portal of a mobile network

Java | Spring | Wicket | EJB | Struts | Jboss | Tomcat | Maven | Javascript | JQuery | Node.js | JAX-RS | JAXP |

December 2009 October 2005

Senior Developer, Saxonia Systems AG, München (Germany)

Developed and enhanced several modules of an ERP application for drugstores

- > Developed the Invoices Module
- > Developed the Price Marking Module
- > Developed the Optimization Rollut Module
- > Enhanced the Reporting Module
- > Enhanced the Procurement Module
- > Enhanced the Update Manager Module

Java J2EE EJB Swing JBoss Spring Sybase Ant

September 2005

Junior Developer, Arvato Systems Technologies, München (Germany)

April 2000

Developed and deployed several web applications in the intranet of a consulting company.

Java J2EE Oracle DB JDBC Struts Oracle Application Server Javascript

March 2000

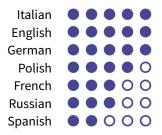
Junior Developer, Icon srl, Verona (Italy)

June 1999

Enhanced an applet used for the inventarization of devices of a mobile network operator.

Java J2EE Oracle JDBC Struts

Languages



Personal projects

- > www.techcontroversy.com Aggregates IT articles from different sources relating the same story.
- > www.chessella.com To browse and share commented chess games.
- > \(\square\) www.amicabile.com/javascript/ Contains sample Javascript applications.
- > **www.blogger.com/profile/08250256791771374730** My blogs about music videos.



Education

Master degree in Computer Engineering

Università degli studi di Pavia (Italy) 1993-1998 1991-1993 Università degli studi di Modena (Italy)

Courses and Certificates

- 2017 Data Science Retreat in Berlin
- 2017 Data camp tracks as Python Programmer, Data Analyst
- 2016 Certified Associate in Project Management (CAPM)
- 2015 PMP Academy Course
- Certified Scrum Master 2012
- 2007 Oracle Certified Enterprise Architect
- 2007 Oracle Certified Programmer
- 2005 Oracle Certified Java Developer
- 2005 Oracle Certified Business Component Developer
- 2004 Oracle Certified Web Application Developer