Diego **Amicabile**
Data, Machine Learning and Full Stack Engineer

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Experienced Full-Stack Engineer focusing on Machine Learning, Data Science and Data Engineering. Over 15 years' experience designing, developing and deploying IT applications. High competence in understanding customers' needs and requirements. Experience in international projects in three different countries (Italy, Germany, Poland) as a Software Developer and IT Project Manager.

Skills

Programming Languages :	**Java**, **Python**, **Pascal**, Javascript, C, C++, Bash/Shell scripting, HTML/CSS
Data Science :	**Numpy**, **Pandas**, Matplotlib, Scipy
Machine Learning :	**Scikit-learn**, Tensorflow, Keras
Natural Language Processing :	**Gensim**, **Spacy**, **NLTK**, **Word2Vec**, **Tfidf**
Streaming :	Spark, Kafka
Java Frameworks :	**Swing**, **Struts**, **Webwork**, **Spring MVC**, Spring, Hibernate, JAX-RS, EJB, Wicket, JSF, DWR, Xerces
Python Frameworks :	**Requests**, **Flask**, **Jinja2**, **Google APP**, **Scrapy**, **Beautifulsoup**, Jupyter
Javascript Frameworks :	**JQuery**, Node.js, , Angular.js, D3.js
Databases :	**Oracle Database**, **MySQL**, Sybase
IDEs :	**IntelliJ Idea**, **Eclipse**, **Pycharm**, **Webstorm**
Development Tools :	**Anaconda**, **Git**, Maven, SVN
Middleware :	**JBoss**, **Tomcat**, **Websphere Application Server**
Operating systems :	**Linux Ubuntu**, **Windows 7**, Linux Mint, Windows 8
Architecture :	UML
Project Management :	PMP, Scrum, Kanban
Deployment :	**AWS**, Docker, Nginx, Apache Web Server
Other :	**REST/JSON**, SOAP/XML, 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
> 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
> Created a portfolio project : a web portal aggregating IT articles from different sources relating the same story : http ://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
> Configuration of the categorization engine
> Managing the development of features
> Managing the development of APIs
> Deployment of APIs interfacing to the bank's mobile application
> Integration of the categorization of bank transactions and APIs into the portal and bank processes
> Requirement analysis and definition

Java | J2EE | Spring | Hibernate | Websphere | 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 for the mobile portal of a mobile carrier › Enhanced and refactorized an existing application used by an automotive company to configure trucks › Enhanced the web portal of a mobile carrier, including the shop and the contract management `Java` `Spring` `Wicket` `EJB` `Struts` `Jboss` `Tomcat` `Maven` `Javascript` `JQuery` `Node.js`
December 2009 October 2005	**Senior Developer, Saxonia Systems AG, München, Germany** Developed and enhanced several modules in an ERP application for drugstores › Developed the Invoices Module › Developed the Price Marking Module › Developed the Rollout Optimization Module › Enhanced the Reporting Module › Enhanced the Procurement Module › Enhanced the Update Manager `Java` `J2EE` `EJB` `Swing` `JBoss` `Spring` `Sybase` `Ant`
September 2005 April 2000	**Junior Developer, Arvato Systems Technologies, München, Germany** Developed and deployed several web and business applications in the intranet of a consulting company. `Java` `J2EE` `Oracle DB` `JDBC` `Struts` `Oracle Application Server` `Javascript`
March 2000 June 1999	**Junior Developer, Icon srl, Verona, Italy** Enhanced an applet used for the inventarization of devices of a mobile phone carrier. `Java` `J2EE` `Oracle` `JDBC` `Struts`

🌐 Languages

Italian	●●●●●
English	●●●●●
German	●●●●●
Polish	●●●●○
French	●●●○○
Russian	●●●○○
Spanish	●●○○○

✚ Personal projects

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🎓 Education

Master degree in Computer Engineering

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

✹ 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
2012	Certified Scrum Master
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