Nicola Marangoni

Born on: 26. October 1972	Von-Der-Pfordten-Str. 30, D-80686 München	
Nationality: Italian	Mobile: +49 176 70589066	
Education: MSc.	E-mail: nicola.marangoni@gmail.com	
Work Experience : 15 Years	Web page: http://marangoni.io	

Technical Skills

Methodical Knowledge	Relational Database Design	Expert
	Administration and Tuning of Oracle Databases	Experienced
	Reporting und OLAP	Expert
	Project Management, Requirement Analysis	Experienced
Databases	Oracle, MySQL, Microsoft SQL Server	Expert
	PostgreSQL, IBM DB2, Hadoop	Experienced
	Teradata, SAP HANA, ExaSol, Informix, Netezza	Basic Knowledge
Big Data	Hortonworks and Cloudera Distributions	Experienced
	HDFS, Spark, Hive, Impala, FLume	Experienced
Database Languages	SQL, Oracle PL/SQL, T-SQL	Expert
ETL Applications	SAP DS Oracle Warehouse Builder	Expert
	Microsoft SSIS, Informatica, Talend	Experienced
BI Applications	Cognos, SAP BO	Expert
	Microsoft SSRS und SSAS	Experienced
Hadoop Distributions	Hortonworks, Cloudera	Basic Knowledge
Programming Languages	Java Platform (Java SE, Java EE)	Experienced
	Php, Perl	Experienced
	Web and XML Technologies (HTML, JavaScript, AJAX)	Experienced
Special Interests	Open Source Software, Social Media, Cloud Computing	

Business Skills

Themes	CRM, Risk Management, Customer Decisioning	Expert
	Campaign Management	Experienced
	Controlling, Billing, Real-Time BI and DWH	Experienced
Industries	Telecommunications, E-Commerce	Expert
	Pharmacy, Chemistry, Logistics	Experienced

Work Experience

2013-05 » today	**Msg systems – Munich**		
	Senior Consultant in the fields of Data Warehousing and Business Intelligence	
	With focus on Microsoft and SAP products.	
	Involvement in projects with the role of data warehouse designer/architect and back-end specialist.	
	2015-12 » Now	**Automotive**
		Definition of architectural guidelines for a Big Data application
		Roles:
		Architecture, Hadoop Specialist
	2015-04 » 2015-11	**Internet company**
		Customizing of a software platform for online-surveys
		Roles:
		PHP Development, Software Engineering
	2014-04 » 2015-03	**Internal project – Hadoop Cluster**
		Training in the Hadoop Technologies.
		Installation and configuration of the Hadoop-distribution Hortonworks on a cluster with several nodes for training and show cases.
	2014-04 » 2015-03	**Presales activities**
		Involvement in the preparation of several offerings.
	2013-10 » 2014-03	**Finance**
		Design and development of a database auditing solution for SQL Server on the basis of T-SQL stored procedures.
		Design and development of ETL routines with SSIS and reports with SSRS.
		Roles:
		• Requirement analysis
		• T-SQL- and ETL-development
		• Reporting
	2013-06 » 2013-09	**Internal project – BI-Labs**
		Installation and configuration of BI products on several virtual machines for training and show cases:
		• Datenbanken: Oracle, SQL Server, DB2
		• ETL: Informatica PC, SAP DS, Oracle DI, IBM DataStage
		• Reporting: SAP BO, IBM Cognos
2012-08 » 2013-01	**Payback – Munich**		
	Senior DWH Engineer in a leading company specialized in customer rewarding programs.	

2011-01 » 2012-07	**Kabel Deutschland – Unterföhring (near Munich)**
	Senior ETL Developer in a leading cable-tv and telecommunication company.
	Roles:
	Design and development of key software solutions for data replication and data quality check.
	Definition of the software architecture of the back end applications.
2004-10 » 2010-12	**SHS VIVEON – Munich**
	Senior Consultant in the fields of Data Warehousing and Business Intelligence with focus in CRM and Risk Management.
	Involvement in projects concerning Customer Decisioning and Customer Profiling for the telecommunications and e-commerce branches.
	Design and development of state-of-the-art data warehouses and business intelligence systems.
	Management of data warehousing and business intelligence projects with the roles of data warehouse architect/designer.
	List of projects:

2010-07 » 2010-12	**Buch.de**
	Enhancement of the existing DWH with new reporting with two new areas: logistics, product recommendations.
	Roles:
	Requirement analysis, database modelling and ETL development.
2009-08 » 2010-06	**T-Mobile**
	Design and development of a contact management tool for the utilization of integrated contacts from T-Home and T-Mobile in campaigns.
	Roles:
	Development of the backend in PL/SQL and of some frontend components in java (JSP).
2008-10 » 2009-07	**Buch.de**
	Design and development of a new data warehouse and a campaign management system.
	Roles:
	Requirement analysis, modelling of the data warehouse structures, development of the ETL processes using Oracle Warehouse Builder and PL/SQL. Database configuration and administration.
2006-01 » 2008-06	**Telefonica O2**
	Design and development of a metadata-driven mass-data based framework in PL/SQL and java for the support of decision processes in risk management and CRM. Utilization of the framework in 3 different applications for scoring and segmentation of customers for dunning, complaint management and conflict prevention.
	Roles:
	Modelling and development of the complete framework backend in PL/SQL and of some frontend components in java (JSP). Modelling and development of the single applications.

	2005-09 » 2005-12	**Orange** Corporate Data Warehouse Roles: Development of ETL processes in PL/SQL for the corporate DWH.
	2004-10 » 2005-08	**Telefonica O2** Migration of the reports from the Business Objects platform of the business departments to the platforms of the Business Intelligence Center (Microstrategy, self-made reporting solution). Roles: Takeover by the Business Intelligence Center of reports of the business departments (definition, documentation).
2002-09 » 2004-09	**Astellas (former Fujisawa) - Munich**	
	Business Applications Manager in an international pharmaceutical company. Design, configuration and administration of the company-wide data warehouse running on Oracle and of the reporting system. Definition and implementation of the whole architecture of the data warehouse and business intelligence systems.	
2002-04 » 2002-07	**Avinci – Frankfurt**	
	Consultant in the fields of Data Warehousing and Business Intelligence	
1999-10 » 2002-03	**Umanis - Milan and Frankfurt**	
	Consultant in the fields of Data Warehousing and Business Intelligence in an international consulting company. Involvement in several projects with the roles of reporting and front end specialist, back end specialist, and data warehouse architect/designer	
	2001-05 » 2002-03	**Kühne & Nagel** Data Warehousing and Reporting Roles: Modelling and development of a datamart and several reports using Oracle, PL/SQL, Hummingbird Genio and BusinessObjects.
	2000-09 » 2001-04	**Vodafone Italia** Definition of test methods and configuration of a test environment for changes in DWH. The test process was based on unit tests of single artefacts (PL/SQL routines) and integration tests of completes change packages. Roles: Definition of the test process. Definition and execution of unit and integration tests for every change package.
	2000-01 » 2000-08	**Lonza Italia** Buildup of a new DWH and reporting system Roles: Analysis of report requirements. Design of universes and reports using BusinessObjects on an Oracle database.

1998-08 » 1999-05	*Civil service – Municipality of Saronno*

Open Source Projects

2013-01 » today	**Open Data Kraken**
	https://github.com/opendatakraken/openbi
	Design and development of a java library for the fast copy of database tables and contained data between different database products.
	Roles:
	• Software Engineering
	• Java-Development

Education

1991 » 1998	**MSc. in Engineering** at the "**Politecnico di Milano**" (Italy)
1997 » 1998	Thesis at the University of Stuttgart
1994 » 1996	Ecole Centrale de Nantes in France: 2 years in the context of the European program TIME (double degree)
1986 » 1991	Diploma at the scientific high school "Liceo Scientifico G.B.Grassi" in Saronno (Italy)

Languages

Italian	Mother tongue
German	Fluent
French	Fluent
English	Fluent
Spanish	Good
Portuguese	Notions
Russian	Notions