



Curriculum Vitae



Personal information

Surname(s) / First name(s)	Manzi Marco
Address(es)	Harjukatu 6 A 27, 00500 Helsinki - Suomi
Mobile	+358 40 667 3774
E-mail	info@marcomanzi.fi
Nationality	Italian
Date of birth	01/09/1985
Gender	Male

Work experience

Dates	June 1 st 2017 - present
Occupation or position held	Online Developer
Main activities and responsibilities	Build technical solutions in an agile and evolving environment in collaboration with multiple teams in B2B media sales processes. Develop integration solutions with 3 rd -party software. Assist in maintenance and technical support of operations. Improve development practices and process automation.
Name and address of employer	Sanoma Media Finland
Type of business or sector	Online advertising, B2B
Dates	January 11 th 2016 – May 31 st 2017
Occupation or position held	Software Developer (Ohjelmistokehittäjä)
Main activities and responsibilities	Building scalable solutions to improve internal processes. Analyze, design, and develop software systems and solutions to enhance current and new products. Collaborate with operations and analytics team to ensure better data quality and client support. Implementing new, scalable and robust solutions for the existing data reporting and ETL processes.
Name and address of employer	ShopperTrak (RapidBlue Solutions Oy) Vilhonkatu 6, 00100 Helsinki
References	Alex Horn (Senior Software Engineer – nanodust@gmail.com - phone: +1 312 970 0759)
Type of business or sector	Retail analytics, IoT
Dates	February 18 th 2013 – present
Occupation or position held	Professional photographer
Main activities and responsibilities	Founder and owner of Marco Manzi Photography Tmi
Name and address of employer	Runeberginkatu 17A 8, 00100, Helsinki
Type of business or sector	Photography studio and other photographic activities
Dates	August 1 st 2013 – April 30 th 2015
Occupation or position held	Development Engineer (Kehitysinsinööri)
Main activities and responsibilities	Designing and developing the new Pollution Load Compilation database in the HELCOM PLUS project (started at HELCOM), migrating the present data from the old system (MS Access) to MS SQL Server 2014 including testing and quality assurance of the data, correction of historical datasets. Creation of basic QA procedures for the new database and mapping of the data in the new format from the web application to the database.
Name and address of employer	Suomen Ympäristökeskus (SYKE)

References	Mechelininkatu 34a, Töölö, Helsinki Liisa Tuominen-Roto (System Analyst - liisa.tuominen-roto@ymparisto.fi)
Type of business or sector	Development of environmental information systems
Dates	November 19 th 2012 – June 30 th 2013
Occupation or position held	Database expert, Project Coordinator
Main activities and responsibilities	Coordination and implementation of the Baltic-wide HELCOM PLUS project, from requirement specification and analysis, review and formulation of the project proposal, internal and external communication, management and budget estimation, data modelling and system design (including improved QA) for the creation of a new database and web application for the Pollution Load Compilation (PLC) data.
Name and address of employer	HELCOM (Helsinki Commission) – Baltic Marine Environment Commission Katajanokanlaituri 6B, 00160 Helsinki
References	Pekka Kotilainen (Data Manager - pekka.kotilainen@ymparisto.fi) Sriram Sethuraman (Project Manager - sriram.sethuraman@helcom.fi)
Type of business or sector	Marine Environment Protection
Dates	February 1 st 2012 – July 3 rd 2012
Occupation or position held	Back-end developer, Database Administrator (DBA)
Main activities and responsibilities	Designing and implementing the database for the accounting calculation system of Torggler Chimica, programming the back-end of the system in accordance with the corresponding user interface. Implementation of data import/export mechanisms.
Name and address of employer	Booncon Oy Eerikinkatu 28 11 A, 00180 Helsinki
Type of business or sector	Web Development
Dates	September 2010 – March 2011
Occupation or position held	Project Manager
Main activities and responsibilities	Planning, coordination, and communication with the customer and development team, QA manager, organization of meetings and related activities, as part of SW Development Project course at Aalto University
Name and address of employer	Pääkaupinkiseudun Partiolaiset (Eemeli Kantola), Töölönkatu 55, 00250 Helsinki
Type of business or sector	Project Management
Dates	May – October 2007
Occupation or position held	Training
Main activities and responsibilities	Vulnerabilities detection in web applications, focusing on Cross-site Scripting (XSS) and SQL injection, using different techniques
Name and address of employer	LaSER laboratory (Università degli Studi of Milan) via Comelico 39, Milan, Italy
Type of business or sector	Information Security
Dates	2002 - present
Occupation or position held	Editor, journalist, Photographer, Executive Director, Publicist, Web Administrator, Forum Administrator, Public Relations Management, Recruitment Management, Proof-reading, Web Design, Social Media Strategy, Web traffic analysis
Main activities and responsibilities	From 2002 to 2007: writing reviews, interviews, live reports, managing the news and forum sections. From 2008 to present: on top of the above responsibilities (except news and forum administration), handling all main communication with promoters, managers and bands, staff (including recruitment), proof-reading and translating (english-italian-finnish) in the Nordic countries, promoting the website and its content, monitoring web analytics, developing a strategy for social media advertisement of the photo gallery section (from planning to the implementation, testing and launch).
Name and address of employer	Holymetal.com, also collaborating as a freelance journalist photographer with different other media
Type of business or sector	Music journalism, photography (photo editing, graphics), web development, online advertising

Education and training

Dates August 1st 2008 – May 16th 2012

Title of qualification awarded
Principal subjects/occupational skills covered

Diplomi-insinööri (M.Sc.) Mobile Computing – Services and Security
Master’s Thesis focused on online advertising through social media in an automated, user-driven and content-based fashion, in a research entitled “User-Driven, Content-based, Automated Advertising via Social Network Integration”

Name and type of organization providing education and training
Level in national or international classification

Aalto University

4/5

Dates

January 18th 2008

Title of qualification awarded

TOEFL IBT (Test Of English as a Foreign Language - internet Based Test)

Name and type of organization providing education and training

Nathan Institute
via Gressoney 1, Milan, Italy

Level in national or international classification

104/120

Dates

September 2004 - December 18th 2007

Title of qualification awarded
Principal subjects/occupational skills covered

Degree in Information Science (B.Sc.)
Bachelor’s Thesis focused on information security (as well as databases, programming and software engineering), entitled “Study and analysis of techniques for vulnerabilities detection in web applications”
Università degli Studi of Milan, Italy

Name and type of organization providing education and training

Level in national or international classification

101/110

Dates

Academic year 2003/2004

Title of qualification awarded
Name and type of organization providing education and training

Scientific Diploma (high school diploma in scientific secondary upper school)
Liceo Scientifico “Carlo Donegani” of Sondrio, Italy

Level in national or international classification

90/100

Personal skills and competences

Mother tongue(s)

Italian

Other language(s)

Self-assessment
European level ()*

English

Finnish

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C 1	Proficient user	C 2	Proficient user	C 1	Proficient user	C 1	Proficient user	C 2	Proficient user
B 1	Independent user	B 1	Independent user	A 2	Basic user	A 2	Independent user	B 1	Independent user
A 1	Basic user	A 2	Basic user	A 1	Basic user	A 1	Basic user	A 1	Basic user

(*) *Common European Framework of Reference for Languages*

Technical skills and competences

Main technical skills:

- MySQL, PostgreSQL, MS SQL Server
- Python (intermediate), Java (JBoss), HTML, CSS3 (Bootstrap), JQuery, Javascript, PHP, XML, bash, basics of R, ASP, C, Perl
- Amazon Web Services (AWS) – Aurora, Redshift, S3, Lambda, DynamoDB
- REST API (python, Java)
- Docker
- Git
- Data Analysis
- Unit testing
- SEO
- Basic concepts of machine learning
- Basic image/video processing tools (OpenCV, FFmpeg)

Other work-related competences and experiences

- Good knowledge of Linux OS (Ubuntu, Debian)
- Good knowledge of basic MS Office tools
- Good knowledge of tools for database design, data mapping, migration, and basic experience with MS SQL Server BI tools
- Knowledge of best coding practices
- Knowledge of retail sector and related concepts, as well as data processing and analysis of in-store traffic
- Knowledge of environmental sector from IT perspective, of the related governmental and non-governmental organizations, and other environmental institutions.
- Basic knowledge of Finnish environmental IT projects, and familiarity with several issues requiring data collection and reporting to national or regional centers, local environmental institutions, EU-level organizations, and EU-wide directives (e.g. INSPIRE, UWWTD, IED, WFD, MSFD)
- Basic knowledge of the environmental field and marine biology, especially concerning marine pollution in the Baltic region and the main issues concerning the environmental status of the Baltic sea and related projects for monitoring and assessing its environmental status
- Use of map services tools for environmental data (ArcGIS, Geocortex) reporting
- Experience in project coordination and collaboration in international projects.
- Good entrepreneurial experience via my own company, including photography-related skills, marketing and promotion, organisation of events, planning, management, and other related activities such as exhibitions and work in a studio.
- Good management, organizational and communication skills (spoken and written), teamwork (in different roles), good editorial, journalistic, photographic, and graphical skills (including good knowledge of specific software such as Adobe Photoshop and Lightroom)
- Experience in web traffic business analysis, online marketing and advertisement especially through social media
- Experience in customer and support management.
- Basic knowledge of online advertising tools and processes and related software (AppNexus, OperativeOne, Tealium, FreeWheel)

During my studies I acquired especially the following skills:

- Information security: good knowledge of the main security issues in the field of ICT and how to deal with them; good knowledge of web attacks, how to exploit, detect and prevent online threats; knowledge of other kind of vulnerabilities (malware) and basics of design and implementation of anti-virus software; basics of cryptography and cryptosystems.
- Programming: experience with MVC (Model-View-Controller) structure, active records, and adoption of frameworks (Yii, Backbone.js), version control (SVN, Git), IDE (Eclipse, Netbeans, IntelliJ).
- Operating systems: good knowledge of Linux (GNU/Linux) OS (Debian, Ubuntu) and Windows (7, Vista, XP, NT, 2000, 98, 95), basic knowledge of Mac OS (Snow Leopard, Lion, Mountain Lion, Mavericks, El Capitan, Sierra).
- Computer networks: good knowledge of the main network infrastructures and protocols, as well as network configuration; basic knowledge of network administration and protocol design. Discrete knowledge of wireless and mobile network infrastructure.
- Software engineering: good knowledge of techniques for designing, developing and testing software, including project management, quality assurance and different techniques for SW development, debugging and testing. Familiarity with agile methods and practices (SCRUM).
- Databases: good knowledge of SQL language and Relational DBMS (mainly MySQL and PostgreSQL); good DB designing skills.
- Datacommunication Software: basic knowledge of main technologies and development of web services.

Other skills and competences,
general interests

Starting from 2002, I've assumed an increasingly relevant role in the editorial staff of Holymetal.com, Italian-based music's web magazine, in the management and in the administration of the site, with the responsibilities described above. From 2008 I'm solely responsible of all the international matters regarding the website and particularly of the Finnish and Scandinavian area, currently the most active. Increasing responsibilities lead me to experience and cover various aspects of this kind of business and particularly get in touch with a wide network of contacts and different figures in the music business and community, engaging also online and particularly in the context of social media. I also have been collaborating as a freelance ever since with several magazines (Vice, Metal Hammer, Soundi, Rytmi, Inferno to name a few), both printed and online.

My big interest in music and photography lead me to this activity as I slowly have been introduced to photography in the beginning of 2008, since then I have had countless publications on magazines, webzines, endorsement brands, band websites, cd and dvd releases worldwide, as well as promotional photos for several local and international bands. I have also been writing for different media, mainly in English and in Italian, and occasionally in Finnish. At present I am collaborating mainly with Holymetal.com, Loud And Proud (Italian), Hel Rocks (Finnish), Inferno (Finnish) and Musicalypse (international).

One of my personal goals in the recent years was, as an entrepreneur, to open my own company in the field of photography, focusing on image promotion of the music business (live and promotional shootings), as well as portraits/modelling, extending it maybe at a later stage to fashion and weddings photography, while keeping nature photography mainly as a hobby. This I accomplished in early 2013.

Because of my passion for music, I also have been arranging the occasional concerts and events in Finland, the latest of which was in Feb. 2017 at Virgin Oil. I also plan on keeping to improve my language skills in Finnish, for both work and everyday life purposes.

I have a wide range of other interests, the main of which goes from technical and scientific subjects such as IT-related technologies, gaming, innovation in general, to other fields and new discoveries in physics and astronomy particularly. I am also interested into and passionate about history and philosophy as I am generally a curious person. I have a big passion for nature, wildlife, and environment in general, as well as travels and Nordic culture. These are among the main reasons leading me to move to Finland to complete my studies, and for staying after concluding my M.Sc. degree.

I have been sensitive to environmental issues in Finnish environment, particularly in regard to the preservation of wildlife, and for this I have been actively supporting organizations such as Luonto-liiton Susyryhmä.

I could define myself as a straightforward person, normally quite helpful and easy to get along with. I am quite capable at estimating the workload needed to complete a task, which helps me to respect deadlines. I can work well both alone and as part of a team. I am generally passionate and motivated towards everything that catches my interest, and I always trying to do my best and continuously improve myself in what I like to do. I am normally able to adapt to new solutions and environments quickly, for example learning as much as possible about the background and line of business where I have been employed, in order to understand better the topic. I think one of my best qualities is that despite I am generally capable of a wide range of tasks, with time I came to know better also my limitations, being more aware of what I can and cannot accomplish on my own.