WHO
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Rome, Italy - October 7th, **1973**

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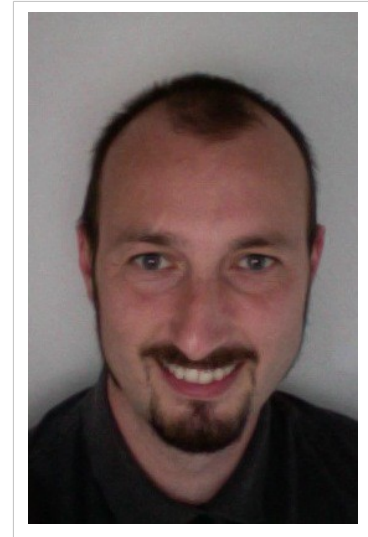@arialdomartini

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CODE
github.com/arialdomartini

ARTICLES
arialdomartini.wordpress.com

QUALIFICATIONS

evenbase jobrapido

Software Developer at JobRapido

Electronic Engineer with specialization in Numeric Electronic: graduated at "Università degli Studi di Firenze" with a degree thesis on "Semantic content extraction from scientific PDF documents", final marks 100/110

Italian: native
English: spoken and written

Occasional translator (Dan North's et al. articles, SimpleTest's manual, other tools' gui)

Speaker at Italian Agile Conference AgileDay.it

ACHIEVEMENTS (SOME OF MY)

Achievement: As a developer, I pushed Schema31 to convert the management of code base from CVS to git, and I later convinced the whole Company to adopt feature branching.

Results: Development activities were consequently much more independent, and software deployments were more controllable. Continuous Integration was introduced.

Achievement: At YOOX, I was able to introduce into the agile process of my team some improvements to the Kanban board. The improvements were part of what I later developed independently, and which I documented in a video and, I finally discussed in a conference.

Results: By means of the improvements, the team was able to identify and attack some of its daily management bottlenecks.

FAILURES (SOME OF MY)

Failure: As a team manager in Schema31, my attempts to convince the management to allow the development team to use TDD were unsuccessful. I could not be effective in communicating to the management the benefits of switching of the test phase with the development one.

Lesson learned: no one will ever complain when showed a tangible, measurable and effective result. I would have used more facts and less words.

SKILLS&KNOWLEDGES

Object Oriented Design SOLID & Design Patterns

IoC containers (Castle Windsor   Ninject)

Agile Project Management

Agile Team Organization   **Scrum**   **Kanban**

eXtreme Programming **Test-Driven Development**
Unit Testing **(nUnit** MS Test **RhinoMocks NSubstitute**)
BDD (SpecFlow)

Service Oriented Architectures   Microsoft WebAPI   WCF

RDBMS   (MySQL5   **SqlServer 2008 PostgreSQL**)

ORM   (Nhibernate   Entity Framework Code First   SQLAlchemy)

Message-Oriented Middleware (RabbitMQ/MassTransit)

DVCS (**git** mercurial) (SVN CVS)

PROGRAMMING
LANGUAGES   Java **C# .net 4.5**   **Python** PHP5 Transact-SQL

STUDYING   **Scala**   Node.js   MongoDB
IO programming language   Erlang

MINOR
EXPERIENCES   ASP   **Java**   C++   Bash/zsh   VisualBasic 6   VBA   Delphi

JUNE, 2013
RIGHT NOW

SOFTWARE DEVELOPER

JOBRAPIDO, MILAN – ITALY

Jobrapido, the international recruitment-focused search engine, is one of the world's largest job search engines (Alexa ranking: 400). JobRapido (100 employees) is an EvenBase brand, part of DMGT serving 58 countries worldwide.
Working as a Java backend developer, in the Tools & Search Team.

OCTOBER, 2012
JUNE, 2013

SOFTWARE ARCHITECT

YOOX SPA, BOLOGNA – ITALY

YOOX (Public Company, 600+ employees) is a global e-commerce retailing partner for leading fashion & design brands, serving more than 100 countries worldwide.
Working in a team of 4 in the head quarter, as a Software Architect I am responsible for the assessment and the improvement of the existing software ecosystem, with the goal of keeping it sustainable.
Among my responsibilities I do code and design review and I guarantee that the overall architecture continuously responds to highest quality standards.

APRIL, 2011
OCTOBER, 2012
2+ YEARS

.NET BACKEND SOFTWARE DEVELOPER

YOOX SPA, BOLOGNA – ITALY

Working in a team of 12, as a Backend Software Engineer in YOOX I had the responsibilities for both the legacy system maintenance and improvement, and the development of new software tools in direct support of the Business demand.

FEBRUARY, 2009
APRIL, 2011
2+ YEARS

DEVELOPMENT TEAM MANAGER

SCHEMA 31 (PREVIOUSLY, BASAMI SRL) FLORENCE – ITALY

Schema31 is a privately held company active in the field of software development for Italian government and public companies.
Leading a group of 9 developers, working on the adoption of Agile and Controlled Iteration methodologies. I leaded the migration from CVS to git and the parallelization of the workflow; I introduced the company to the use of ORM (NHibernate and Doctrine) and frameworks (CakePHP and Symfony)

MAY, 2008
FEBRUARY, 2009
10 MONTHS

ERP EXPERT

IDS CORPORATION, PISA – ITALY

JANUARY, 2007
MAY, 2008
1+ YEAR

SOFTWARE DEVELOPER

ALFA COMPUTER SYSTEM, PRATO – ITALY

Employed in a software house for the reorganization of developing chain of a software based on .NET/PostgreSQL v8.3/NHibernate; developing in C#, PHP, CakePHP for Gilbarco's customers

NOVEMBER, 2000
NOVEMBER, 2001
1 YEAR

SOFTWARE DEVELOPER

ORANGE INFORMATICA, PISTOIA - ITALY

Employed as software developer (VB/MSSQL)

JANUARY 2000
NOVEMBER 2000

VISUAL C++ TEACHER

ACADEMIC INSTITUTE ATENEUP, FLORENCE - ITALY

MAJOR PROJECTS

A SYSTEM FOR THE TRACKING OF FAULTY ITEMS
YOOX SPA

Responsible for the architecture of the cross-team project (5 teams), run with Scrum.

It is a distributed system that allows warehouse operators in 5 countries to categorize the defects identified in stocked goods (2+ millions/year), in order to provide data to Business Intelligence, and to allow the Quality Assurance management.

Built with horizontal scalability in mind, it uses a Message-Oriented Middleware implementing Advanced Message Queuing Protocol (RabbitMQ, MassTransit) and both RESTful and RPC API.

Built with C# .Net 4..

Other notable technologies: EntityFramework 5, Ado.NET, SqlServer 2008, RhinoMocks, Nunit, Kiln, Mercurial, NuGet, PowerShell, Microsoft WebAPI, Microsoft WCF, Microsoft MVC4, JQuery, Kendo UI, Apache log4net, log4rabbit.

Developed with TDD, Domain-Driven Design, Scrum.

A DISTRIBUTED SYSTEM FOR DIGITAL ASSET MANAGEMENT
YOOX SPA

Distributed system, consisting of several autonomous and asynchronous, micro-components that ensure the processing of more than 5 million digital photographs per year.

The digital images shot by photographic studios (possibly around the world) are collected, addressed to automatic quality control and processed in a distributed, cloud-ready workflow, up to be distributed on Akamai servers.

Built with horizontal scalability and cloud in mind, it introduced an approach we called *babel@home*: new component can be easily installed everywhere and are able to take part of the distributed process in minutes. It uses a RPC API.

Built with C# .Net 4.

Other notable technologies: Ado.NET, SqlServer 2008, RhinoMocks, Nunit, Mercurial, NuGet, PowerShell, Microsoft WebAPI, Apache log4net, log4rabbit.

Developed with TDD, and Scrum.

A SYSTEM FOR DIRECT CAMPAIGN MANAGEMENT
YOOX SPA

Working as a developer, I designed the architecture of the core project, a programmable chain of commands & filters.

Developed under extremely high pressure as an extreme, yet very successful complete rework of a close-to-fail project, Campaign Management is the main tool used by the Sale Department for clustering the Company's clients and schedule an automatic, event-driven direct marketing campaign and a cart recovery program, delivering e-mails to 2+ million customers.

Built with C# .Net 4.

Other notable technologies: TFS, SpecFlow, Entity Framework, log4net.

Developed with eXtreme Programming, BDD, TDD

OTHER PROJECTS

PUBLICATIONS

get-git - Published on readthedocs.org, get-git is a guide to git, written in Italian and covering both the internals and the daily usage; it's addressed to the teams that aim to convert their workflow from a centralized, linear, trunk based workflow to a decentralized, non-linear, branch based workflow.

Written with RESTructured Text and published under BSD Licence.

NOTEWORTHY ARTICLES
How To Spot The Legacy Code Writer In Your Company (Hint: It's You)
Preemptive Commit Comments
Unit tests lie: that's why I love them
What-if Daily Scrum

COLLABORATIONS

Reviewer of Metaprogramming Ruby, Paolo Perrotta, The Pragmatic Programmer

FREELANCING

(DELIVERY DATE)

PERSONAL PROJECTS
Developing a learning system for neuronal networks based on genetic algorithms

RIGHT NOW
Developing a web, collaborative, ajax Scrum/Kanban board implementing Orchestra board idea.

LABENS – ITALY

FEBRUARY 2009
eCommerce platform for a fashion good label (CakePHP v1.2, Prototype, MySQL v5)

ALFACOMPUTERSYSTEM, PRATO – ITALY

FEBRUARY 2008
Trouble Ticket System based on PostgreSQL 8.2 and CakePHP v1.2

SKILLNET, MILAN – ITALY

JANUARY 2008
Backoffice software for financial management (CakePHP v1.2, Apache, MS SQL Server)

IDEASISTEMI, PISTOIA – ITALY
OO abstraction layer in C# for the development with PDFLib.NET

SKILLNET, MILAN – ITALY

SEPTEMBER 2007
Control panel for a CSM (CakePHP v1.1, Apache, MySql)

MONICASHOES, LUCCA – ITALY

AUGUST 2007
Barcode reader plugin for Windows Mobile handhelds (Javascript, PHP, C#)

ALFA COMPUTER, PRATO – ITALY
I wrote a user guide to Subversion for Alfa's developers

MAXSERVIZI, PISTOIA – ITALY

APRIL 2007
Captive Portal for a WiFi provider, serving about 3000 users in Tuscany (CakePHP, Apache, iptables, Squid, MySQL)

NUOVA STAMPA, PISTOIA – ITALY

JANUARY 2007
PHP/Ajax software for the automatic PDF commercial catalogs generation with data extracted from databases

PROMAR, FERRARA – ITALY

OCTOBER 2006
Corporate image organization of a mechanical industry
PHP XML-based library for i18n and l10n

ANIME EXPORT, TOKYO – JAPAN

APRIL 2006
C# library to add automatic FTP-update features to any Windows software
Backup system for GNU/Linux in bash/C++ based on the ext3 hardlink's features

ANIME IMPORT, PISTOIA – ITALY
Adaptation to the newly adopted Italian privacy law for an import/export company of Japanese products

MARCH 2006

TERMOIDRAULICA LGM, PISTOIA – ITALY

FEBRUARY 2006
Document management software for a system developer company (C++/MySQL)

DIESSE, FORLÌ – ITALY

MARCH 2004
System for PDF catalogs online generation for publisher companies (PHP 4)
InfortunisticaItaliana, Bologna - Italy

JANUARY 2004
Web-based Trouble Ticket System and remote control solution for a company working on IT aid (ASP, C++, MySQL)

SERVICECLIMA, FLORENCE – ITALY

MAY 2003
System for the products codification and management for a hardware system developing company

ANIMEIMPORT, PISTOIA – ITALY
Financial management system for the main Italian company working on Japanese products

AUTOX, PISTOIA – ITALY

JANUARY 2003
Financial system for a car import company

VANNUCCI PIANTE, PISTOIA – ITALY
Linux system for storing and automatic resizing of images for the main Tuscan garden center (Microsoft MAPI/MAIL, C++, Linux, postfix, fetchmail)

DECEMBER 2002

AUGUST 2002
Management system for a garden center (C++, BDE)

June 2002	**MaxPuntoIT, Pistoia - Italy**
	Linux teacher
	Mail sanitizing solution based on Linux for a shoes factory, integrated in fetchmail/postmail;
June 2002	Mail server and a backup server on Linux with mail sanitizing features.
May 2001	Linux mail server setup and maintenance for a Light System Developing company
	EsseDi, Pistoia - Italy
April, 2001	Management system for a chain store (MS Access/VBA)
	Istituto Salutati High School, Montecatini - Italy
October 2000	Administration of LAN and server systems (router, firewall and backup server)
	Università degli Studi di Firenze, Florence - Italy
	C++ software able to solve NP-problems using genetic algorithms
1999	**Risorse.net, Rome - Italy**
	I wrote and published a user guide for RedHat Linux

About me

Lazy coder (software development is the art of avoiding work as much as possible - yet getting the job done); eager reader, casual writer; good and friendly team-mate; strong believer in group intelligence.
Agilista; Extreme Programmer.
Nonconformist; curious; doubtful.
Passionate student, worker and father of two (Yann 3, and Anouk 6)

Targets

Objectives

I am looking for a stimulating environment where I can employ my problem-solving skills.
I aim to work for Agile teams, but I won't fear to join a waterfall company or a Company with a legacy code problem, as long as my experience can be of value for contributing to improvements in the right direction.

Expectations

Team Leader or Software developer and analyst. I'm always open to discuss other roles, depending on the expectations and needs of the development team.

Availability

I am ready to consider potential job offers both in Italy (Milan area) and Switzerland. I need to provide my current company 20 days of advance.

Sincerely