Curriculum Vitae

First name and last name	Roberto Prevato
Address	Dereniowa 2, Warszawa 02-776, Poland
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E-mail	roberto.prevato@gmail.com
Nationality	Italian
Date of birth	30/05/86

Desired employment occupational field

DevOps, Web Solutions Architect, Tech coach

Field of competencies

DevOps: implementation of continuous integration, automated builds, automated testing and deployment. Design and development of web applications front end, back end, and services.
Single Page Applications specialist. Git administration: creation and administration of private git servers to be used by developers and continuous integration services such as Jenkins or GoCD.
Ability to deploy and administer processes in the Cloud, for example:

1. creating a virtual machine in Windows Azure, with a headless Linux operating system

2. configuring user rights and access through SSH, to administer the virtual machine remotely through command line

3. installing services such as a private Git Server using Gitolilte through SSH; eventually exposed through HTTPS using an HTTP Server like Nginx and git Smart HTTP module; or a web server to host web applications, or a database server

4. experience in using PowerShell SDK and Python SDK for Azure, to administer subscriptions, virtual machines and other resources using scripts

5. experience in using Windows Azure web interface to administer resources

Ability to configure ARM mini computers (such as Raspberry or ODROID), installing operating systems and configuring services and remote access.

Web design and image manipulation; database design; object-oriented programming; user experience design, progressive enhancement.

Configuration of web servers using Arch Linux, Ubuntu Server, Windows Server (for example, configuration of Nginx HTTP servers, proxying to application servers implemented using NodeJs, or Python uWSGI / Gevent / Eventlet, web sockets servers using SocketIO, or the new Kestrel server for ASP.NET Core; configuration of SSL certificates).

Business skills	Critical thinking; care for details; steadiness and determination; positive collaboration with coworkers.
IT skills	SPAs (single page applications) development Applications architecture Continuous integration Coaching others Database design Applications deployment Web applications performance load tests Coding web interfaces for Internet Banking, FOREX Integrating payment gateways PayPal and PayU; and external api like Facebook API Creating web applications test environments for mobile devices Creating and managing Git servers and repositories Creating and managing SVN servers and repositories Web scraping
Tools	Microsoft Visual Studio, JetBrains IntelliJ Idea, JetBrains WebStorm, JetBrains PyCharm, Grunt JS Task Runner, Jenkins, Powershell, Microsoft SQL Server Management Studio, MySql Workbench, Git, SVN, IIS Manager; JavaScript unit testing with Jasmine and Karma; Node Package Manager (npm); Oracle VirtualBox. GitHub, Jira Agile, BitBucket. MS Office, Photoshop, Illustrator, GIMP, Inkscape; Blender.
Programming, libraries and frameworks	.NET Framework, ASP.NET MVC (Razor and Web Forms View Engines), NodeJs, Express JS Framework, Python Flask, Python aiohttp, C#, VB.NET, Java, Python, JavaScript, jQuery, JSON, XML, AngularJS, Durandal, Knockout Js, Backbone, SocketIO, SignalR, WebSockets, HTML5, CSS, LESS, SVG, HTML5 Canvas; ImageMagick and GraphicsMagick. D3 JS, Reveal JS. WCF, Entity Framework, ASP.NET WebApi; Windows Forms; WPF.
Operating systems	Arch Linux, Ubuntu Server, Ubuntu, Windows 7, 10, Server. ARM architecture (Raspberry, ODROID-C2)
Databases	SQL Server, MySql / MariaDB, MongoDB, RavenDB
Others	Redis, WebSphere MQ, RabbitMQ, ZeroMQ
Automated Testing	Jasmine, Karma, Selenium, .NET Framework Unit Testing, Nunit, Visual Studio Ultimate Load Tests; Gulp task runner
Certificates	**Microsoft MCSD: Microsoft Certified Solutions Developer**: Microsoft MCSD Programming in HTML5 with JavaScript and CSS3 (October, 2013) Microsoft MCSD Developing ASP.NET MVC Web Applications (June, 2014) Microsoft MCSD Developing Microsoft Azure and Web Services (December, 2014)
Publications	**GitHub** account with useful tools to speed up web development: https://github.com/RobertoPrevato/

1. React-template
   This project template is an application skeleton for React web applications using ES6 transpilation and Gulp task runner. It contains a sample application and is preconfigured to offer integration with Gulp, for common tasks.

2. Flask-three-template
   Project template for Python Flask three-tier web applications. Includes two branches with SPA architecture: one, simpler, using a client side

technology stack freely inspired by Durandal framework; a second, more complex, adopting the young Aurelia web framework, featuring EcmaScript6 transpilation into EcmaScript5, using Gulp task runner.

3. jQuery-KingTable
   Widget for administrative tables that are able to build themselves, on the basis of the input data.

4. DataEntry
   Forms validation plugin using native Promise object, supporting asynchronous validation rules, automatic decoration of fields, localized error messages. Integrable with Angular, Backbone, Knockout and ReactJs. Wiki includes example for use with ReactJs.

5. jQuery-DataEntry
   Forms validation plugin that supports AJAX requests, automatic decoration of fields, localized error messages. Integrable with Angular, Backbone, Knockout.

6. R.js
   ultralight solution to dependencies management.

7. robscure
   GruntJs task to further minify and obfuscate the keys defined using R.js

8. Knight
   Angular and Knockout templates packer. Packs .html files into .js for Angular or Knockout.

9. Base64
   Pictures to base64 encoded strings in CSS bulk converter.

10. lorem-rex
    Resx to Js locale files generator as GruntJS task

NPM packages

1. https://www.npmjs.com/package/robscure
   GruntJs task to further minify and obfuscate the keys defined using R.js, published in npm.js.com

Personal websites

1. http://www.ugrose.com
   My new personal portfolio, dynamic website with SQL Server database, multilingual English/Italian

2. https://roro-crossroad.com/
   Minimalistic, geographical search engine for people, integrated with Google Maps API, born from the desire to facilitate face-to-face relationships. Utilizes MongoDB and its GIS features (Geospatial Indexes and Queries). **(Experimental Prototype)**

Education	Industrial Design bachelor's degree. Polytechnic Institute of Turin, Corso Duca degli Abruzzi, 24 – 10129 Torino, Italy
Languages	English: fluent Italian: native Polish: beginner (can do simple conversations)

Career history

▪ March 2013 – current position

PKO BP Dealing System

Position | Web applications and WCF services developer for Forex exchange system for PKO BP.

Tasks	Development of four web applications, one of which a responsive application for mobile, UI interface and WCF services. Implementation of automated deployment using GruntJS tasks. Core functionalities like localization strategy, navigation, front end using Knockout library, jQuery, Bootstrap, authorization, security (Antiforgery, Encryption, etc.).
Achievements	Gained competence in SignalR and Super WebSockets libraries, NodeJS web server and its modules; WS and WebSockets for Web Sockets; Improved competence in AngularJS library and Knockout
	Speed front end development using NodeJs web server; improved competence in real time communication (Web Sockets, Server Side Events, AJAX long polling, AJAX polling); improved competence in Powershell scripting

▪ August 2012 – March 2014

New mBank Project

Position	Web developer for the Internet banking related to the new mBank project (Poland)
Tasks	Working on the modules AddressBook, Investment Funds, Dashboard, Payments for the mBank new Internet Banking; LiveSearch implementation in Payments module; navigation to Settings pages; implementation of the Facebook integration
Achivements	Greatly improved competences in JavaScript libraries, HTML5, CSS3, LESS, ASP.NET MVC
	Gained competence in SPA (single page applications) development
	Gained competence in BackboneJs, UnderscoreJs, RequireJs
	Improved competence in WCF Web Services
	Facebook integration realized for mBank Internet Banking
	Improved competence in Banking system
	"Special Achievement" reward issued for me by mBank, for the Facebook integration and expertise in JavaScript
Name and address of employer	Accenture office in Warsaw, Warsaw Towers ul. Sienna 39 00-121 Warszawa / Avanade - Italy
Type of business or sector	MVC web applications development for Internet Banking.

▪ December 2011 – August 2012

Vodafone Italy

Position	Application developer consultant
Tasks	C# and SQL Server code development for **Vodafone Italy**, Italian telephony company, for a GIS application made with Windows Forms and development of .NET web applications with ExtNet library. This work involves gathering and maintaining geographical data about GSM and UMTS coverage on Italian territory, Handover data, and other information.
	SQL Server stored procedures developing, jobs scheduling and data distribution over linked servers, as well as C# object oriented programming, have been common activities for this job.

	Microsoft Visual Studio 2010, Microsoft Visual Studio Team System 2008, SQL Server Management studio, Visual Sourcesafe, Chart FX, Janus GridEx and TatukGIS system are the main tools used in this job.
Achievements	Greatly improved knowledge of Object Oriented Programming, C#, Microsoft SQL Server; Windows Forms
Name and address of employer	Cluster Reply, Via Cardinal Massaia 83 10147 Torino
Type of business or sector	ASP.NET web applications development, Windows.Forms C# desktop applications development.

▪	October 2010 – December 2011
	Rai broadcasting company
Position	Web developer consultant
Tasks	Web applications development for **Rai** Italian national broadcasting company. Use of .NET, JavaScript, HTML, CSS and SQL Server technologies, XML, AJAX, jQuery; for web applications developing. Group working, problem solving, code debugging and interpretation of the needs of applications users played a crucial role in this job.
	Examples of web applications developed by myself during this job are: **Censimento Fonia**, application to manage and maintain Rai telephone numbers information; **Scheda Proposta Radio**, application to open, carry on and manage ticket requests about new radiophonic programs; **Richieste Diritti**, application to open, carry on and manage ticket requests about transmissions rights.
Name and address of employer	GFI Italia, Via Mosca 52 00142 Roma (formerly), Solgenia Group, Via Mosca 52 00142 Roma (now)
Type of business or sector	Web applications development

▪	September 2010 – February 2011
	ISMB (Istituto Superiore Mario Boella)
Position	Teacher of graphic design and CSS development
Tasks	Three hours a week lessons of graphic design, CSS, use of the GIMP and Inkscape.
Name and address of employer	ISMB (Istituto Superiore Mario Boella), Via Pier Carlo Boggio 61 10138 Torino
Type of business or sector	Teaching

▪	July 2010 – September 2010
	Open Vision
Position	Freelance graphic designer
Tasks	Job of graphic design to develop contents for e-Learning courses, for Open Vision and Sai Assicurazioni, Italian insurance company.

Name and address of employer	Open Vision, Via Principe Tommaso 36 bis 10125 Torino
Type of business or sector	e-Learning courses

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Sidinet

Position	Freelance web developer and usability consultant
Tasks	Work as web accessibility consultant and interface mockup developer (for GUI rapid prototyping), for a web application project analysis, for Intesa SanPaolo bank company. This job lasted just one month because the office in charge for this project was undermined by another office, whose bosses decided to reject external resources.
	I used Adobe Fireworks to create a navigable pdf of a graphic interface, coherent with the job of code and db developers.
Name and address of employer	Sidinet, c.so Casale 297 bis 10132 Torino
Type of business or sector	Web application developing, GUI rapid prototyping

- April 2010 – May 2010

Forma-@ttiva

Position	Teacher of web development
Tasks	Teaching for a 80 hours Web Development base level course (HTML, XHTML, CSS, JavaScript, W3C validated websites, web standards and usability principles).
Name and address of employer	Forma-@ttiva, Via Principe Tommaso 36 bis – 10125 Torino
Type of business or sector	Formative agency

Social skills and competences	I am talkative and I usually get along with other people pretty well. While I work well independently, I also look for jobs that allow me to work as part of a team. I am respectful of others' work, since I think that every job is worthy of respect.
Organizational skills and competences	Working as a freelance sole trader designer, I improved my organizational skills day after day, as well as the ability to work in strict time frames. I have a pragmatic, results-oriented approach to work, I'm usually systematic and well organized.
Artistic skills and competences	Please visit my web site and related web portfolio http://www.ugrose.com
Other skills and competences	I have both analytical and creative skills, which I demonstrate pursuing not just insight and passion, but also rigour in application of representation techniques. As a matter of fact, my graduation thesis was about 3d modeling, rendering and lighting analysis for museums, i.e. design and 3d models production of museums interiors, with physically correct 3d scene setup, then lighting analysis to estimate illuminance levels over work of arts. I am a quick learner with a particular aptitude for self-education,

which I achieve studying English video courses, reading manuals and spending a great deal of time on educational websites. I've got excellent teaching qualities, which I proved during my job for the formative agency Forma @ttiva, and the job for the ISMB (Mario Boella Superior Institute).

Driving licence	(B patent)
Additional information	

Reward from mBank for the work done during the second phase of the new mBank project. (25/02/2013)

Publication on Computer Arts Italian magazine, n.137 of January 2010, with four pages dedicated to me, including the full first inner page

Design contests participation:

Lorenz, for the design of a watch inspired by thirties

Martini, for the design of a concept design Martini glass

YouGroup, for the design of a carbon fiber tray

Comune di Ivrea – 2° prize, for the set up of a civic museum, in Ivrea (Italy)

Project registration:
c/o ADI Milano, Associazione per il Disegno Industriale, interlocking system for modular and stackable furnishings.