

Andrea Giammarchi

[Italian - Male - 17/05/1978]

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New all-purposes website: webreflection.co.uk

Old technical blog: webreflection.blogspot.com

With over 15 years of hands-on experience working in the field as a both Technical Leader and Senior Software Engineer, Andrea Giammarchi has been specializing as a full-stack Desktop and Mobile Web Developer.

Best practices, adoption of modern standards, and first class performance on every target machine, are just some of the reasons Andrea has been working for top world-class companies and teams such as Twitter, Facebook and NOKIA, on both Desktop and mostly on Mobile production's websites.

JavaScript, Web, and Open Source Software

Andrea has been for a long time an active World Wide Web and JavaScript community contributor. He has been providing and pioneering Open Source Software and solutions through his blog, advocating how to achieve performance through best practices.

Author of many worldwide known polyfills, maintainer of the famous twemoji library, and creator of the document-register-element library chosen by Google to bring to the future of Mobile Web publishing, also known as AMPProject, modern, widely compatible, and blazing fast Custom Elements, Andrea is also an active contributor in the ECMAScript mailing list, the place where the standard behind JavaScript is defined and discussed together with members of TC39, a place where he has influenced JS more than once.

Publications

While still working on his book, Andrea has been a technical editor for some of the best sellers in the field, including O'Reilly JavaScript Patterns (Stoyan Stefanov), Test-Drive JavaScript Development (Christian Johansen), JavaScript for PHP Developers (Stoyan Stefanov).

He has been also mentioned or involved in the review of Secrets of the JavaScript Ninja (John Resig and Bear Bibeault), The Principles of Object-Oriented JavaScript (Nicholas C. Zakas), Exploring ES6 (Axel Rauschmayer), YDKJS (Kyle Simpson) book series and others best selling.

Work Experience

March 2015 -	Consultant and trainer for high quality, full stack, HTML5, JS, or Mobile Web development courses.
January 2013 - 2015	Senior SW Engineer at Twitter Inc. maintaining, updating, and improving Mobile Twitter Website plus a lot of Research and Development. I've been working on TweetDeck Web Application too.
June 2012 - 2013	SW Engineer at Facebook Inc. maintaining, updating, and improving Mobile Facebook Website through HTML5 and JavaScript.
January 2010 - 2012	Technical Lead at NOKIA Gate5 Gmbh , Berlin, author of the first HTML5 Mobile Maps engine prototype and official Mobile website, recently known as HERE Maps.
November 2008 - 2009	Senior Product Engineer in FundWorks . Responsible for the new desktop like web platform using JavaScript with Ext JS library plus jQuery, Ajax, plus XSL-T and XML over C#.NET
2008 - October 2008	System Developer in an international Financial Company: Arete Consulting Ltd , London. PHP5 OOP development plus MySQL, JavaScript and Ajax, CSS, XHTML for current CMS mantainment and next client/server redesign.
2003 - 2007	Free lance, external collaborator, client/server developer for the following applications: internet/intranet/enterprise using different technologies, database and program languages.
2002 - 2003	Head of IT applications development at AllNet S.r.l. (Osimo - Ancona, Italy)
2001 - 2002	Video operator, video terminalist in C.U.A.S. Centre (Ancona, Italy)
2000 - 2001	Hardware/software technical assistance at Eland Informatica S.r.l. In Ancona
1998 - 2000	Hardware/software technical assistance, data management and software trainer at Inditel S.r.l.

During freelancing periods I have also collaborated with many other companies such TagMan, Ex Machina for Generali Group, Canenero per Elica Collection, HTML.it, Fastweb, and more.

Technical Skills

Certified

W3C HTML5
ActionScript
PHP

Jedi

JavaScript
ECMAScript 3rd 4th 5th 6th / ES2015
Mobile Web
NodeJS
CSS3, Web Components
XHTML, XML

Excellent

MySQL, SQLite
MongoDB, NoSQL
Rhino, Nashorn
XSL, XPath
Unit Testing
UML

Good

Python
C#
WebGL
C
Java
PostgreSQL

International Conferences Talks and Workshops

2015 - InfoShare2015	How to survive this new JavaScript fragmentation era.
2013, 2014, 2015 various smaller talks	DHTMLConf, WebPerfDays at Google Head Quarter, FED London at Yahoo!, Frontend.fi in Helsinki, Microsoft JS Open Day in London.
2012/2015 - Qcon	2012: Location aware mobile web app with HTML5 and JavaScript - 2015: Asynchronous Patterns for Client, Server, and IoT
2011 - JSConfEU	Buzz It For Real ! ... the tortuous road to Mobile HTML5 Apps
2011 - Falsy Values	6 hours Workshop about latest techniques to obtain JavaScript best performances for both ad-hoc and cross platform development via ECMAScript 5th edition and polyfills.
2010 - Front Trends	JS Performances VS Common Good Practices talk and presentation of the fastest web map engine.
2007 - MarCampo 2007	Speaker in occasion of the MarCamp 2007 event at the University of Economics of Ancona, Italy, about Web 2.0 and Advanced JavaScript OO Programming / Development

Additional Information or Awards

2007 - PC Professionale	This italian specialized magazine included my personal program PAMPA - Personal AMP Application - in its CD-ROM
2006 - Internet Magazine	This italian specialized Web magazine interviewed me about JavaScript and Ajax future and a possible match against Flash and ActionScript.
2004/2006 - HTML.it	Top 10 italian IT portal where I wrote different technical guides and articles.
2003 - Mensa Italia	Subscription to Mensa Italia after successfully passing their high standard IQ test.
2002/2006 - PHPClasses / DOTGeek	Different awards for PHP OOP sources, technologies, innovations, and code practices.

Education and Qualifications

2015	Official W3C HTML5 Course Certification
2012	BSC in Computer Information Systems credentials equivalency, certified from Baruch College/CUNY School for Business, Metropolitan College of New York.
2005	Zend Certified Engineer (PHP4, PHP5, and more recent versions of the language)
2004	Certified Macromedia Flash MX 2004 Developer (ActionScript 1.0 - 2.0 + ECMAScript)
2003	Advanced Macromedia Flash MX course at Macromedia Training Center (Cagliari) Advanced Java Development at Sun Microsystem (Milan)
2000	WebMaster / WebDesigner course at C.N.I.P.A. (Ancona)
1998	High school degree in Eletctronic Image at Art Institute Ancona

Language Skills

	Italian	English
technical	excellent	excellent
written	mother tongue	excellent
spoken	mother tongue	very good