



Gabriele Nosso

Senior Full Stack JavaScript Developer, Architect & Engineer

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– TECHNICAL SKILLS –

LEADERSHIP & MANAGEMENT:

- Scrum Master (*PSM1* certification)
- Agile methodologies
- Time & Interruptions Management
- Team Shielding
- Remote / Distributed Team Management
- Goals & Achievements motivation techniques

SOFTWARE ARCHITECTURE:

- Design Patterns
- Development Environment (*Editors, Code quality assurance, Utilities*)
- Directory Structure
- Dependencies Management
- Test Environment (*unit tests, functional tests, e2e tests, test coverage*)
- Code Rules and Formatting

TECHNOLOGIES:

- Javascript (*ES3, ES5 and ES6*)
- Node.js / IO.js
- HTML5
- AJAX
- CSS3
- SASS & LESS (*Dynamic CSS*)
- JSON/JSONP/XML
- SQL (*MYSQL / ORACLE*)
- MongoDB (*NoSQL*)
- PHP

LIBRARIES:

- React
- Immutable
- Lodash / Underscore
- jQuery
- Pixi.js (2D WebGL)
- Highcharts / eCharts
- Express (web framework)
- Passport (authentication)

BUILD/DEPLOYMENT TOOLS:

- ESLint / JSLint / JSHint (Code Quality)
- Git (Version Control)
- Npm (package manager & task runner)
- Webpack (module bundler)
- RequireJS (Module loader and optimizer)
- Grunt (Task runner)
- Gulp (Task runner)
- Bower (package manager)
- Browserify (module bundler)

TEMPLATING:

- Mustache
- Underscore
- Handlebars
- HAML

FRAMEWORKS and ARCHITECTURES:

- Redux
- Flux
- Backbone (MV*)
- Angular (MVC)
- jQuery Mobile

TESTING:

- Karma, Mocha, Chai and Sinon (TDD/BDD - Unit testing)
- Jasmine (TDD/BDD – Unit testing)
- Selenium - Webdriver (Integration/Functional testing)
- CasperJS (E2E testing)
- Rewire (dependencies mocks)
- Istanbul (coverage)

MOBILE:

- Adobe PhoneGap / Apache Cordova (mobile dev. framework)

APIs:

- Facebook
- Google Maps

– WORK EXPERIENCE –

SENIOR FULL STACK JAVASCRIPT DEVELOPER, ARCHITECT and ENGINEER - 12/2015 → now

FIFA EWS – Zurich (**Switzerland**) – www.fifa-ews.com

- Design and development of a web application to monitor football matches and analyze bookmakers' odds movements for Data Analysis and Data Visualization.
The design of the User interface follows the Google Material Design lines and is completely responsive.
The server-side implementation uses Node.js, with Express.js and Passport, to offer a REST API, which communicates with an ORACLE Database with SQL queries. The client-side implementation uses React with a Redux architecture and SASS with BEM naming convention.
Code quality checked with ESLint (with Airbnb default rules). Building and dependencies managed with Webpack, using NPM as package manager and task runner. Git used for version control. Testing: Karma, Mocha, Chai, Sinon.

SENIOR FRONT END DEVELOPER, ARCHITECT and ENGINEER - 01/2015 → 11/2015

Crealogix AG E-Banking– Zurich (Switzerland) – www.crealogix.com

- Design and development of the new front-end architecture (3.0) of the e-banking product, with a JAVA environment and RESTful API, using Scrum and Agile methodologies.
Technologies: HTML5, JavaScript (with React and Flux architecture). CSS generated with Sass (scss), using BEM naming conventions. Used library Highcharts for charts.
Accessibility provided implementing ARIA/WAG rules (WCAG 2.0, level AA). Code quality checked with ESLint.
Building and dependencies managed with Webpack, using NPM as package manager and task runner.
Using Agile methodologies (using JIRA Agile), Stash and Git (with the Gitflow workflow).
Testing: Karma, Mocha, Chai, Sinon and Rewire for unit tests. Istanbul for test coverage.
- Bug fixing and enhancing with new features the current front-end architecture (2.0).

FRONT END / JAVASCRIPT DEVELOPER and SOFTWARE ARCHITECT - 07/2014 → 10/2014

Coritsu Group – Adelaide (Australia) – www.coritsu.com

- Development of **Zegami** (<http://www.zegami.com>), a web application - developed with HTML5, JavaScript (with React) and CSS3 (LESS) - for image exploration and data visualisation, mainly for biology research.
The project was funded by the **British Government** ([Oxford Invention Fund](http://www.oxfordinventionfund.com)).
It uses WebGL and Canvas (with Pixi.js library) and it's compatible with mobile devices.
UI implemented with React. Dependencies managed with RequireJS.
Developed with Agile methodologies (using JIRA Agile), BitBucket and Git.
Build and Deployment tools: Bower, Gulp. Code checked with JSHint.
Testing: Unit tests with Karma, Mocha, Chai and Sinon (with PhantomJS); E2E tests using Casper.
Used APIs: Google Maps.
Online demo video: <https://www.youtube.com/watch?v=29wum6doz8Q>

FRONT END / JAVASCRIPT DEVELOPER and SOFTWARE ARCHITECT - 09/2008 → 10/2014

Freelancer & Personal Project

- Design and Development of a Rock Paper Scissors game as a Web app. Developed with JavaScript (without any external library), using LESS (Dynamic CSS), Grunt (as a task runner with a lot of plugins for development and to build the source), Git (as the version control system) and Jasmine (for unit testing).
The app is usable on touch devices and completely responsive.
An hybrid app, built with Adobe Phonegap (Apache Cordova) is available on Google Play:
<https://play.google.com/store/apps/details?id=com.gabrielenosso.rockpaperscissors>
The source code is available on GitHub: <https://github.com/gabrielenosso/rock-paper-scissors>
- Design and Development of Fifa 15 automarket app, a bot that earns credits on a virtual market using a RESTful API, developed with Node and Express.js, with JSDoc annotations. It provides an automatic captcha solver (using Tesseract OCR). Package dependencies managed with Npm and Bower.
The app is deployed on Heroku and a VPS.
- Development of Fifa 15 JavaScript (Node) RESTful API, deployed on GitHub (<https://github.com/gabrielenosso/fifa15-js-api>).
Developed for Node with Npm (package manager), with JSDoc annotations.
- Design and development of www.showfriend.com, a full front-end single page web application (DHTML), using HTML5, Javascript, JQuery, LESS (CSS3) and Facebook's API.
Compatible with touch devices (smartphones and tablets): Media Queries and JS touch listeners.
Code optimized and memory leaks solved using Google Chrome profiling tools.
Code Quality Assurance with JSLint. DOM performance accepted by DOM Monster.
Minified with Google Closure Compiler and delivered as gzip
- Design and development of my personal website, www.gabrielenosso.com, a single page website with DHTML, using HTML5, CSS3, JavaScript, jQuery, AJAX and PHP for the back end part. Developed with SEO best practices, cross browser compatibility, responsive layout for mobile devices, standards compliant code and a customized snippet for Google.
Design nominated by cssawards.net and cssreel.com.
- Design and development of www.annuariomarittimo.it, a single page website with DHTML, using HTML5, CSS3, Canvas, JavaScript, Backbone and jQuery, with SEO best practices, responsive layout for mobile devices and standards compliant code. Design nominated by cssawards.net.
- Design and development of www.annuariomusicadanzateatro.it, a single page website with DHTML, using HTML5, CSS3, JavaScript, jQuery and PHP for the back end part. Developed with SEO best practices, cross browser compatibility, responsive layout for mobile devices and standards compliant code. Design nominated by cssawards.net.
- Websites User Interface (UI) wireframe and design using Balsamiq Mockups and Axure.
- Websites design using Adobe Photoshop, Adobe Illustrator and Corel PhotoImpact.

FRONT END / BACK END DEVELOPER AND WEB DESIGNER - 10/2008 → 09/2014

Fondazione Idis - Città della Scienza – www.cittadellascienza.it

- Websites development for the company and its events in WordPress, using PHP, HTML5, CSS3, JavaScript, jQuery, AJAX and JSON, with SEO best practices, cross browser compatibility and standards compliant code.
The websites could be maintained completely by the editorial staff.
- Intranet design and development (connected with the time card system), using Plone, Python and MySQL stored procedures: idisnet.cittadellascienza.it.
Developed with Agile methodologies: Lean development, Extreme Programming (XP) (with Test-Driven Development (TDD) and Pair Programming) and a Kanban board.
- Design and development of educational games and exhibits for the museum using HTML5, CSS3, JavaScript, jQuery, ActionScript 3 (Adobe AIR). Graphics designed using Adobe Photoshop, Adobe Illustrator, Adobe Fireworks and Corel PhotoImpact.
- Design and development of Mobile games and applications (for Android) with ActionScript 3 (Adobe AIR). Graphics designed using Adobe Photoshop and Corel PhotoImpact.
- Bug resolution, redesign and development of new features for the pre-existing Booking Management software, using PHP, HTML5, CSS3, Javascript, jQuery and MySQL.
Developed with Agile methodologies: Lean development, Extreme Programming (XP) - with Test-Driven Development (TDD) and Pair Programming - and a Kanban board.
- Bug resolution, redesign and development of new features for the pre-existing Contacts List Management software, using PHP, HTML5, CSS3, Javascript, jQuery and MySQL.
- WordPress plugins design and development using PHP, HTML4, CSS3, Javascript, jQuery, JQuery UI and AJAX that add new features for easily content management: www.gabrielenosso.com/plugins.
- Social Media strategist collaborator and SEO consultant collaborator.
- Newsletter templates design (using Adobe Photoshop, Adobe Illustrator, Adobe Fireworks and Corel PhotoImpact) and development (using HTML and CSS for emails), also for MailChimp.
- Websites User Interface (UI) wireframe and design using Balsamiq Mockups.
- Websites design using Adobe Photoshop, Adobe Illustrator, Adobe Fireworks and Corel PhotoImpact.

SOFTWARE AND WEB DESIGNER & DEVELOPER - 06/2004 → 06/2014

Freelancer

- Design and development of www.nutrizionista-online.net and www.nutrizionista-napoli.it in Wordpress using PHP, XHTML, CSS3, JavaScript, jQuery and AJAX, with SEO best practices and cross browser compatibility, with a back-end customization that permits to manage clients, their visits and to have a personal page for each of them with statistics, charts and graphs (jqPlot javascript library) about their weight trend.
Design and development of a software, using ActionScript 3 (Adobe AIR), to convert XML files (generated by a diet management software) in Excel and HTML files.
Design of reports using Crystal Reports.
- Design and development of the following websites in Wordpress, using PHP, XHTML, CSS3, JavaScript, jQuery and AJAX, with SEO best practices and cross browser compatibility (The websites could be maintained completely by the customer): seareporter.it; villainpositano.net; costantinianocampania.it; filcamsacampania.it; informatorenavaile.it .
- Websites User Interface (UI) wireframe and design using Balsamiq Mockups and Axure.
- Websites design using Adobe Photoshop, Adobe Illustrator and Corel PhotoImpact.

SOFTWARE & WEB DEVELOPER, SOCIAL MEDIA MANAGER, GRAPHIC DESIGNER, JOURNALIST - 10/1998 → 07/2013

Annuario della Musica; Flegrei - Music & News; Annuario Marittimo; EDI.MAR. sas

- Social Media Manager.
- Windows scripts development (Batch Scripts).
- Graphic and Advertising design with Adobe Photoshop, Adobe Illustrator and Corel PhotoImpact.
- Documents production using Microsoft Office (Word, Excel, PowerPoint, Access) and Open Office.
- Contacts database management with Microsoft Access and Microsoft Excel.
- Writing news articles.

– EDUCATION AND CERTIFICATIONS –

Bachelor's degree in Computer Science – 2009

Grade: 108/110

Principal subjects:

- Principles of computer systems, communications networks and operating systems
- Programming methodologies and languages
- Computer systems design and development techniques

[University of Naples Federico II](#), Italy

Maturità Scientifica (Scientific High School graduation) – 2005

Grade: 100/100

Principal subjects: Mathematics, Italian, Computer Science, English.

[Liceo Scientifico A. Serra](#), Italy

Professional Scrum Master (PSM)

Certification by [scrum.org](#)

– SECONDARY SKILLS AND TOOLS KNOWLEDGE –

DESIGN AND WIREFRAMING:

- Adobe Photoshop
- Adobe Illustrator

WIREFRAMING:

- Balsamiq Mockups
- Axure

IDE:

- Atom
- Brackets
- Sublime Text 2/3
- Eclipse / Aptana Studio (Eclipse Mod)

– TECHNICAL COMPETENCES –

- Excellent debugging and problem solving skills, developed during a lot of experiences in companies and as a freelancer, in both design and coding
- Excellent time management, teamwork, and communication skills
- Good skills in Web Communication, developed from reading books and work experiences
- Great knowledge of computer systems analysis, design, development and testing processes
- Great knowledge of Wordpress CMS (themes, plugins and custom back-end development)
- Good knowledge of Social Media strategies for companies (both B2B and B2C)
- SEO specialist

– PERSONAL SKILLS –

Languages

- Italian - mothertongue
- English – C1 level (Proficient user)

Social skills

- Great teamwork adaptability, communication, interpersonal skills and predisposition for constructive dialogue, acquired through several work and educational experiences

Organizational skills

- Good experience and skills in coordinating small working groups

Computer skills

- Mastery of Windows O.S. and Good knowledge of Linux O.S.
- Great experience with hardware configuration, installation and fixing
- Great experience with network installation and configuration (LAN and W-LAN)
- Mastery of Microsoft Office and Open Office
- Mastery of image editing and photo-retouching software (Adobe Photoshop, Adobe Illustrator, Adobe Fireworks)
- Great ability to work with audio software – recording, producing, mixing, editing of sounds and music (Adobe Audition, Image-Line Fruity Loops, Melodyne, VST plugins)
- Good knowledge of video editing and special effects software (Sony Vegas, Adobe Premiere, Adobe After Effects, Particle Illusion, Adobe Ultra)
- Great aptitude to quickly learn new software

Artistic skills and competences

- Solfeggio license
- Musician (piano and guitar basics, advanced drums)
- Composer (music and lyrics)
- Audio-engineer

- Photoshop wizard
- Videomaker (direction, editing, special effects)

Other skills and competences

- Great dynamism and initiative
- Reliability and flexibility
- Willing to relocate

Driving licence - B EU driving license

- Graphic designer and Logo designer

- Self-motivation, ambition for professional growth and career advancement
- Fast learning skills
- High adaptability skills to new environments