



Valerio Galano

Home : [REDACTED]

Email: [REDACTED]

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Website: [REDACTED]

Website: [REDACTED]

Website: [REDACTED]

Gender: [REDACTED] Date of birth: [REDACTED] Nationality: [REDACTED]

ABOUT ME

I have been working as a web-based software developer for more than 17 years. At the beginning of my career I worked as an employee, then became a freelance consultant. My VAT number is IT07015231215.

Actually I am supporting, as consultant, various clients, mainly Web houses, software agencies and public entities.

I am particularly experienced in the design, the implementation and the maintenance of software, web-based and cloud-based solutions:

1. Web applications
2. Relational databases
3. REST/JSON APIs engines (also Chatbots, Alexa skills, OAuth servers)
4. Laravel framework and Zend Framework applications
5. 3rd party API systems integration
6. Data Warehouses (with custom data migration strategies)
7. DevOps infrastructures
8. Static and dynamic Websites
9. Wordpress plugins, themes, websites and e-commerce

The technologies I usually use are PHP, MySQL, HTML, CSS, Javascript, jQuery, JSON, REST, SOAP, OAuth, LAMP stack, svn, Zend Framework, git, Vagrant, Angular, Docker, Laravel framework, WordPress, Ansible, bicep Hugo framework, Azure Data Factory, PowerBI.

I'm experienced in setup, maintenance and continuous deployment using various environments: Amazon Web Services, Microsoft Azure Cloud, Heroku, Netlify, Vercel, GitHub, GitLab. I am also comfortable working on VPS under the LAMP stack (Linux, Apache, MySQL, PHP). My development environments are based on Docker or Vagrant.

I am used to teamwork and Agile strategies. I'm also very efficient at remote work and async work.

In 2019 I started a podcasting project, Pensieri in Codice, which is currently growing and currently has about 5000 plays per month.

Since 2011 I have participated and started some open source projects, one of which has met with some success and lived actively until 2017.

At the end of 2011 I also started a technical blog on IT theme which is still active today.

Requisiti esplicitati per griglia di valutazione (come da richiesta bando):

- Esperienza nella realizzazione e manutenzione di database MySQL - 17 anni
- Esperienza nello sviluppo software di piattaforme avanzate tramite Laravel framework - 10 anni
- Esperienza nell'utilizzo di tecnologie PHP, git, Docker - 17, 15, 10 anni
- Esperienza di sviluppo in ambiente LAMP (Linux / Apache / MySQL / PHP) - 17 anni
- Esperienza nell'installazione e manutenzione di progetti WordPress - 10 anni
- Esperienza nello sviluppo di temi WordPress - 10 anni

- Esperienza nello sviluppo di plugin WordPress - 10 anni
- Esperienza di integrazione tra sistemi tramite API - 17 anni
- Esperienza nella realizzazione ed utilizzo di interfacce API REST/JSON - 7 anni
- Esperienza all'interno di progetti per le attività previste dal profilo in Enti di ricerca:
- Incarico presso INDIRE (2023)
- Incarico presso INVALSI (2023)
- Incarico presso INVALSI (2022)

WORK EXPERIENCE

[09/2018 – Current]

Senior WordPress development consultant

Devdata s.r.l. <https://devdata.it>

City: Bacoli (NA)

Country: Italy

During this period I initially worked on design and development of custom solutions for **WordPress**-based Website of "Istituti Fisioterapici Ospedalieri" (<https://www.ifo.it/>). Then, I switched to design, setup and administration of **WordPress HA hosting** solution based on **VPC** with **LAMP** stack and **Microsoft Azure cloud platform**.

At the same time, I also provide advice for **analysis and resolution** of problems concerning numerous WordPress based sites and developed some custom **WordPress plugins**.

Main technologies used were **Linux Ubuntu, Apache2 server, HTML, CSS, Javascript, jQuery, PHP, WordPress, MySQL, LAMP** stack, **Microsoft Azure** cloud, **git, Docker**.

[03/2010 – Current]

Founder / Web application developer

AGB3 Ltd

Address: 2ND FLOOR 145-157 ST JOHN STREET, EC1V 4PY, London, United Kingdom

I design and develop Competitor Pinpoint, a Web application for competitors' analysis. Project is based on **PHP, Zend Framework, MySQL database** and **jQuery** in **LAMP** environment.

Main technologies used were **Linux debian, Apache2 server, HTML, CSS, Javascript, jQuery, PHP, Zend Framework, Laravel framework, MySQL, LAMP** stack, **git, Vagrant, Docker**.

[15/09/2023 – 24/11/2023]

Senior software development consultant

INDIRE - Istituto Nazionale di Documentazione, Innovazione e Ricerca Educativa <https://indire.it>

City: Florence

Country: Italy

I worked as senior consultant for project "Servizio per la interoperabilità e la trasparenza dei dati

relativi alle procedure di edilizia scolastica" - Codice CUP B53C23003190006.

As part of this project, I worked on maintenance and refactoring of GIES portal and developed page for IO NON RISCHIO initiative (<https://gies.indire.it/iononrischio>).

Main technologies involved were **HTML, CSS, Javascript, PHP, MySQL, Laravel, git, GitLab, Docker**.

[02/2023 – 10/2023]

Senior back-end software developer / Project manager

INVALSI - Istituto nazionale per la valutazione del sistema educativo di istruzione e formazione <https://invalsi.it>

City: Rome

Country: Italy

I worked as senior consultant for project VAL.PON "Analisi delle politiche finanziate dal PON "Per la scuola" 2014-2020 incidenti sulle dimensioni delle competenze chiave e della dispersione scolastica" – Codice CUP F85F21005280006 - Codice nazionale: 11.3.2.C-FSEPON-INVALSI-2021-1.

As part of VAL.PON project, I provided advices for the development of software solutions aimed to provide interoperability within the applications of the INVALSI information system. In particular, I worked to carry out a management control system which allows to automatically acquire, track and organize projects' costs, ensuring the IT security of all the processed informations.

Meanwhile, I worked to design and develop a **Laravel** based platform to report processed INVALSI questionnaires data in advanced tabular and graphical ways.

I also designed a Data Warehouse solution base on **Azure Data Factory** and other **Azure cloud-based services** and I supervised to implementing process.

Finally, I also improved and maintained **WordPress** website (<https://serviziostatistico.invalsi.it>) with custom user's interfaces and complex workflows.

For all those projects, I implemented **Agile** methodologies and **DevOps** strategies based on Azure cloud services.

Main technologies involved were **Linux Ubuntu, Apache2 server, HTML, CSS, Javascript, PHP, MySQL, Laravel, WordPress, LAMP** environment, **git, Docker, Azure DevOps, bicep, Azure Data Factory, Azure Data Storage, OAuth**.

[05/2022 – 12/2022]

Senior software development consultant

INVALSI - Istituto nazionale per la valutazione del sistema educativo di istruzione e formazione

Address: Via Ippolito Nievo, 35, 00153, Rome, Italy

Name of unit or department: Ufficio Statistico

I worked as senior consultant for project VAL.PON "Analisi delle politiche finanziate dal PON "Per la scuola" 2014-2020 incidenti sulle dimensioni delle competenze chiave e della dispersione scolastica" – Codice CUP F85F21005280006 - Codice nazionale: 11.3.2.C-FSEPON-INVALSI-2021-1.

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Meanwhile, I also worked to design and develop a **WordPress** based website (<https://serviziostatistico.invalsi.it>) requiring a user's custom interfaces and complex workflows. In addition to a classic website with institutional pages, articles and news, I also developed a role based file management system, necessary to automatize authorization processes, and an internal communication system.

Main technologies involved were **Linux Ubuntu, Apache2 server, HTML, CSS, Javascript, PHP, MySQL, WordPress, LAMP** environment, **git, Docker**.

[09/2021 – 12/2022]

Senior Web application development consultant

Qadisha s.r.l. <https://qadisha.it>

City: Piano di Sorrento (NA)

Country: Italy

I worked on the analysis and maintenance of Mercurio, a private warehouse management software based on **PHP, Laravel framework** and **MySQL database**.

I also coordinated the development of various websites based on **Hugo framework**.

All project were hosted in **LAMP** environment and versioned with **git**.

Main technologies used were **HTML, CSS, Javascript, jQuery, PHP, Laravel framework, MySQL, Hugo Framework, LAMP** stack, **git, Docker**.

[03/2017 – 12/2022]

Senior Web application development consultant

Infocube s.r.l. <https://infocube.it>

City: Naples

Country: Italy

I was involved in various projects. Mainly I worked on the design and the implementation of:

1. **Web application** in **LAMP** environment based on **Zend Framework, Laravel framework** and **MySQL database**
2. solutions based on **WordPress** framework with development of plugins and customizations
3. **integration** and **interoperability** solution between systems and CMS software
4. custom WordPress **plugins**
5. **APIs** endpoints
6. data import/export/conversion **processes**

I also often held the role of **project manager**.

Some of the projects I took part to are:

1. Officina Studenti - <https://appuntiofficinastudenti.com>
2. Libera Terra - <https://bottegaliberaterra.it>
3. Typicalitaly - <https://typicalitaly.it>

Main technologies involved were **HTML, CSS, Javascript, Angular, PHP, Zend Framework, Laravel framework, MySQL, WordPress, JSON, REST, SOAP, LAMP** environment, **git, Docker, Ansible**.

[12/2018 – 12/2021]

Senior software development consultant

Plug and Play s.r.l.

City: Massa Lubrense (NA)

Country: Italy

Business or sector: Professional, scientific and technical activities

During this period I worked as **project manager** for development of data migration software.

[04/2013 – 07/2021]

WordPress development consultant

lotatau s.r.l.

City: Sorrento (NA)

Country: Italy

I worked as designer and developer of "Lions Clubs Distretto 108 Ya" website <https://lionsclubs108ya.it/>. During this period I developed two complete restyling and various minor aesthetic changes (for each year, website needs to be corrected due to changes in the organization). I also covered all maintenance activities. All versions of website were based on **WordPress** CMS, **PHP** and **MySQL database** and deployed to **LAMP** environment.

Main technologies used were **HTML, CSS, Javascript, jQuery, PHP, WordPress, MySQL, LAMP** stack, **git, Docker**.

[01/2020 – 02/2021]

Senior Web application development consultant

Capri On Line s.r.l.

Address: via le Botteghe 10, 80073, Capri (NA), Italy

Business or sector: Professional, scientific and technical activities

I was responsible for the design and implementation of the **integration processes** between a proprietary software and some external services. All processes involved: data import/export operations from/to service through **API** endpoints, periodic data refresh, synchronous and asynchronous operations. Software was based on **React, HTML, CSS, Ja**

vascript, PHP and **MySQL database**, deployed in **LAMP** environment and versioned with **git**.

Main technologies used were **HTML, CSS, Javascript, jQuery, React, PHP, MySQL, LAMP** stack, **git, Docker**.

[07/2020 – 01/2021]

Web application development consultant

LinkAppeal s.r.l.

City: Napoli

Country: Italy

I designed and developed a **customizable JSON API engine** using **PHP** and **MySQL database**. The engine was highly configurable via API: number, name and characteristics of each field; different behaviour by user/campaign; complete data validation, sanitization and evaluation mechanism.

Main technologies used were **HTML, CSS, Javascript, jQuery, Symfony** framework, **PHP, MySQL, LAMP** stack, **git, Docker**.

[03/2020 – 04/2020]

Web developer

Studio Legale Cacace <https://studiolegalecacace.com>

Address: Ill trav. San Michele, 6, 80063, Piano di Sorrento (NA), Italy

I developed institutional website using **Hugo framework**.

<https://studiolegalecacace.com>

[03/2018 – 01/2019]

WordPress development consultant

Eurolimo <https://www.eurolimo.it>

Address: Via Capo, 53, 80067, Sorrento (NA), Italy

Business or sector: Professional, scientific and technical activities

I developed Positano.limo website based on **WordPress** CMS. The website includes a catalog of transfer services, a feature to let customer customize his itinerary, a payment system based on **PayPal, Stripe** and **Banca Sella**.

<https://positano.limo>

Main technologies used were **HTML, CSS, Javascript, jQuery, WordPress, PHP, MySQL, LAMP** stack, **git, Docker**.

[07/2017 – 11/2017]

WordPress development consultant

Sistema Museale - Ufficio cultura comune di Caserta

Address: Via Giuseppe Mazzini, 67, 81100, Caserta, Italy

I developed Sistema Museale Terra di Lavoro, a website based on **WordPress** CMS. On top of institutional contents, this project includes a feature of online event booking.

Main technologies used were **HTML, CSS, Javascript, jQuery, WordPress, PHP, MySQL, LAMP** stack, **git, Docker**.

[02/2015 – 03/2017]

IT system architect consultant

Infocube s.r.l. <https://infocube.it>

Address: Piazza Amedeo, 14, 80121, Rome, Italy

Business or sector: Professional, scientific and technical activities

I worked for Infocube as 3rd-party consultant at Accenture. In particular, I take part to Accenture Video Solution project working to: the design and the implementation of automation processes based on **Ansible**; the execution of **performance tests**; the Red Hat Linux **system administration**; the deployment and the setup of complex **HA system architectures**.

Furthermore, I took part in many other projects, among which are Mediaset Infinity, Mediaset Premium/Play, KPN TV.

[11/2015 – 02/2016]

Data analyst

Comune di Trecase

City: Trecase (NA)

Country: Italy

I calculated and prepared TARI 2015 notices.

[10/2015 – 02/2016]

WordPress development consultant

Istituto Tecnico Statale "Michelangelo Buonarroti"

Address: Viale Michelangelo, 1, 81100, Caserta, Italy

I developed website of "Planetario di Caserta". This project, based on **WordPress**, included a customized online booking system.

Main technologies used were **HTML, CSS, Javascript, jQuery, WordPress, PHP, MySQL, LAMP stack, git, Docker.**

[2014 – 2016]

Drupal and Moodle development consultant

Università degli Studi di Napoli Federico II

Address: Complesso Universitario di Monte Sant'Angelo Via Cinthia, 21 - Edificio 6, 80126, Naples, Italy

Name of unit or department: Department of Physics "E. Pancini"

Business or sector: Professional, scientific and technical activities

Within the FP7 project "Chain Reaction: A Sustainable Approach to Inquiry Based Science Education" Project ID: 321278 Funded under: FP7-SIS, I developed and maintained two websites: an institutional website based on **Drupal** and a learning platform based on **Moodle**.

Scientific coordinator of the project: Prof. Luigi A. Smaldone

Responsible for Italy of WP2 Work Packages 2 (website): Dr. Silvia Galano

Partners involved: Centre for Science Education, Sheffield Hallam University (Coordinator), UK; Department of Physics, Naples University Federico II, Italy; Faculty of Natural Sciences, Matej Bel University Banska Bystrica, Slovakia; Education Department, TED Universitesi, Ankara, Turkey; Department of Physics, Plovdiv University, Bulgaria; Centre International de Formation Pédagogique, France, University Ljubljana, Slovenia; Heidelberg University of Education, Germany; Department of Chemistry, University of Crete, Greece; Department of Education and Professional Studies, University of Limerick, Ireland; Jordan Society Of Scientific Research, Amman, Jordan; Ilia State University, Tbilisi, Georgia.

<https://cordis.europa.eu/project/id/321278>

Main technologies used were **HTML, CSS, Javascript, jQuery, PHP, Drupal, Moodle, MySQL.**

[10/2015 – 10/2015]

Data analyst

Comune di Boscoreale

City: Boscoreale (NA)

Country: Italy

I calculated and prepared notifications of settlements TARES 2013.

[05/2014 – 03/2015]

Software developer

Domenico Mastonardi Ing.

City: Quarto (NA)

Country: Italy

I collaborated in the development of Dooblo, a gaming app for Web, Android, iOS. Specifically, I collaborated in the development of **API** engine and Back-office panel using **PHP/MySQL** technologies in **LAMP** environment. Versioning with **svn**.

Main technologies used were **PHP, MySQL, LAMP** stack, **git**.

[10/2014 – 10/2014]

Data analyst

Comune di Trecase

City: Trecase (NA)

Country: Italy

I calculated and prepared 2014 TARI notices, TARES 2013 reminders and ICI 2009 assessments.

[01/2014 – 01/2014]

Data analyst

Comune di Trecase

City: Trecase (NA)

Country: Italy

I calculated and prepared notices on account of TARES balance 2013 and notices of ICI 2008 assessment.

[09/2013 – 09/2013]

Data analyst

Comune di Trecase

City: Trecase (NA)

Country: Italy

I calculated and prepared TARES 2013 down payment notices.

[03/2008 – 10/2011]

IT Consultant

Balsamo Antonino Arch.

Address: III trav. San Michele, 6, 80063, Piano di Sorrento (NA), Italy

I collaborated to development of SMART, a **Zend Framework** Web application on **LAMP** environment. I also collaborated in Linux system and Web server administration.

Main technologies used were **Linux debian, Apache2 server, HTML, CSS, Javascript, jQuery, PHP, Zend Framework, MySQL, LAMP** stack, **svn, git**.

[08/2006 – 06/2009]

Software developer

Microsistemi Informatica srl <https://www.microsistemi.com>

Address: Corso Italia 222-224, 80063, Piano di Sorrento (NA), Italy

I collaborated to the development of Web applications in **LAMP** environment. I implemented various custom modules in **PHP** to manage contact informations, to trace collaboration processes, to interface the web application with email, sms and fax handling systems.

Main technologies used: **HTML, CSS, Javascript, jQuery, PHP, MySQL, LAMP** stack, **svn**.

EDUCATION AND TRAINING

[10/2002 – 07/2010]

Laurea in Informatica Applicata: Commercio Elettronico e Società dell'Informazione (110/110)

UniSa - Università degli Studi di Salerno

Address: via Ponte don Melillo, 84084, Fisciano (SA), Italy

Field(s) of study: Informatica

Final grade: 110/110 **Level in EQF:** EQF level 6

ANSI C, PHP, Java (J2SE, J2EE, JSP/Servlet, JDOM), HTML, CSS, Javascript, Ajax, XML, DTD, XMLSchema.

Eclipse, Apache Tomcat, Apache 2, MathWorks Matlab, R, Bash, Linux/Unix, Microsoft Windows.

Reti LAN (802.3, 802.5, FDDI, 802.11), Protocollo TCP/IP + UDP.

X86 Architecture, Software Engineering, Complexity of Algorithms, Data Structures, Web Semiology, Web Usability.

Comparative law of information and communication, Micro/macroeconomics,

Management of commercial enterprises, E-Commerce, Marketing, Market analysis,

Statistical analysis of real phenomena, Banking technique.

[09/2002 – 10/2002]

European Computer Drivin License

Liceo Scientifico "G.Salvemini", Sorrento (NA)

Address: via S. Antonio, 2, 80067, Sorrento, Italy

Field(s) of study: Computer Science

Basic concepts of ICT, computer use and file management, word processing, spreadsheet, use of databases, presentation tools, navigation and network communication.

[10/1997 – 07/2002]

Diploma di Maturità Scientifica

Liceo Scientifico "G.Salvemini", Sorrento (NA)

City: Sorrento

Country: Italy

Level in EQF: EQF level 4

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B1 READING B2 WRITING B2

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Zend Framwork | MySQL | Bootstrap | JQuery | SQL | JavaScript | JSON | HTML5 | AJAX | MVC | RESTful api | Relational databases | Web Development | Github | XML | Design Patterns | Clean Code | API Integrations | Object-Oriented Programming | Azure | Netlify | Vercel | SVN | LAMP platform | Ubuntu | debian | Hugo framework | WordPress Plugin Development | WordPress Theme Development | Code Review | Continous Integration | Linux | Docker | Software Engineering | Agile | Scrum | PHPStan | Xdebug | Composer | Angular | WordPress | Laravel framework | PHP | CSS | HTML | Git | AWS | Git (Github / Gitlab) | DevOps | Azure Data Factory

CONFERENCES AND SEMINARS

[12/10/2023 – 12/10/2023]

containerday 2023

Link: <https://2023.containerday.it>

[24/03/2023 – 24/03/2023]

Open Source Day 2023

Link: <https://osday.dev>

[17/11/2022 – 17/11/2022]

laravelday 2022

Link: <https://2022.laravelday.it/>

[08/06/2021 – 09/06/2021] **phpDay 2021**

Link: <https://2021.phpday.it/>

[09/05/2018 – 12/05/2018] **phpDay 2018**

Link: <https://2018.phpday.it/>

[04/11/2017 – 04/11/2017] **ScotlandPHP 2017**

Link: <https://conference.scotlandphp.co.uk/2017/>

PROJECTS

[03/2019 – Current] **Pensieri in codice**

Pensieri in codice is a dissemination podcast on Computer Science topics designed for non specialist people. At the moment the show has an average of 5000 plays per week and a Telegram discussion group with over 120 members.

Link: <https://pensieriincodice.it>

[12/2011 – Current] **Daredevel**

Daredevel is a blog site in which I publish some technical posts about Computer Science and programming. The website is developed with Hugo framework and continuous deployed through Github Actions.

Link: <https://daredevel.com>

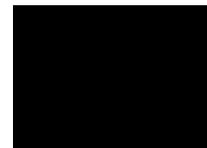
[2011 – 2017] **jQuery Tree**

I created and maintained, for more than 5 years, an Open Source project called jQuery Tree. It is a jQuery UI widget that you can use to add advanced features to an html tree built using nested unordered lists.

Link: <https://github.com/valeriogalano/jquery-tree>

Il sottoscritto è consapevole delle sanzioni penali previste per il caso di falsità in atti e dichiarazioni mendaci, così come stabilito dall'art.76 del D.P.R. 445 del 28/12/2000 e della conseguente possibile decadenza dai benefici conseguenti al provvedimento eventualmente emanato sulla base della dichiarazione non veritiera.

Piano di Sorrento, 22/01/2024



Valerio Galano

