Juan Barriteau *curriculum vitae* v6.6

Software architecture, web development (front-end, APIs and back-end)

Mobile: +584142862455   juan@barriteau.net   **Residence:** Caracas, Venezuela

Knowledge and best professional performance areas

Web applications and solutions, architecture, design and development
Front-end (frameworks or vanilla) coding. Back-end coding. Usability and accessibility design. Adaptive/ Responsive web design. Progressive web applications (PWA). Static site generators (SSG). Building tools. Open standards and technologies oriented. (≈20 years of experience).

Hybrid mobile applications, design and development
Front-end coding. Back-end coding. Usability and accessibility design. Building tools. (≈6 years of experience).

Web services, architecture, design and development
Design, development and implementation of APIs for RESTful web services. Websockets, design and back-end development for realtime applications. (≈15 years of experience).

Relational and NoSQL databases, event stores, architecture, design and development
Definition and creation of schemes, normalization. Stored procedures programming. Scripting. (≈15 years of experience).

DevOps, platform and architecture, design, configuration and implementation
Arquitecture design. Installation, configuration and commissioning of web servers. Registration, configuration and administration of domain names. DNS Administration. Installation and configuration of monitoring tools. Installation and configuration of analysis and statistics tools. Automation of integration and deployment tasks. Architecture, design and implementation of integration schemes and continuous application deployment. (≈15 years of experience).

Design, implementation and use of version control schemes
Installation and configuration of on-premise or cloud version control systems. Design and implementation of branching schemes. (≈15 years of experience).

Implementation and use of agile development frameworks
Scrum teams creation. Integration to Scrum teams. Kanban methodology. (≈5 years of experience).

Tools

Work frameworks and methodologies
Scrum, Kanban, waterfall.

Platforms, libraries and frameworks, programming/scripting/query/markup languages
Node.js, Deno, ECMAScript/JavaScript, HTML5, XHTML, XML, JSON, JSON5, JSONC, YML, CSS3, PHP, JSP, Groovy, shell scripting, Markdown, SQL, PL/SQL, Transact-SQL, Xpath, Java EE, Apache Cordova, ReactJS, Angular.

Development environments and text editors
Visual Studio Code, Sublime Text, WebStorm, PHPStorm, IntelliJ IDEA, DataGrip, Android Studio, Eclipse, Xcode, Visual Studio, PL/SQL Developer, MySQL Workbench, iReports, vi, Cream, Notepad++.

Database management systems

Apache Kafka, SQLite, MongoDB, Redis, Oracle, MySQL/MariaSQL, PosgreSQL, Apache Kafka.

Middleware, servlet containers, web servers

Nginx, Apache HTTPD, Apache Tomcat, Lighttpd, IIS.

Reporting tools and paged media

Jasper Reports, Crystal Reports, Pandoc, MiKTeX, EpubCheck, KindleGen.

Version control

Git (Codeberg, Gitlab, Gogs, Keybase, Github, Bitbucket...), TFS, Subversion, CVS. Gitflow.

Containerization, building, CI/CD, cloud, remote administration

Docker, Portainer, Google Cloud Platform, AWS Lambda, AWS API Gateway, Grunt, Jenkins, Elastic Stack, SSH, X Window System.

Testing

k6, SOAPUI, Silk Test, Webload, WinRunner.

Operative Systems

Windows (all desktop and server versions), FreeBSD, OpenBSD, GNU/Linux, MacOS, iOS, Android.

Professional experience

ST Digital Computer   Caracas, January 2023 — Present

<u>Software Architect, Software Engineer and Platform Specialist</u> - Design, architecture and development of software. Design of version control schemes and continuous integration. Devops activities.

ReaXium   Caracas, June 2022 — January 2023

<u>Senior Software Architect / Developer.</u> - Software architecture, development, platform maintenance, legacy software maintenance.

FirmwareCO   Caracas, July 2019 — June 2022

<u>Software architecture and designer</u> - Software architecture. Design and development of web sites, applications and services, full-stack role, Scrum team. Version control and continuous integration schemes design. DevOps activities. Implementation of agile methodologies for the design of software products. Scrum implementation.

Grupo Algoritmia, CA   Caracas, August 2014 — July 2019

<u>Web Consultant</u> — Software architecture. Design and development of web sites, applications and services, full-stack role. Version control and continuous integration schemes design. DevOps activities.

SmartHop.co   Caracas, January 2019 — April 2019

<u>Fullstack Developer</u> — Design and development of web applications and services, full-stack role, Scrum team. DevOps activities.

Servicios Tecnológicos Nubise, SA   Caracas, November 2013 — August 2014

<u>Senior developer</u> - Software architecture. Design and development of web sites, applications and services, full-stack role. Coordination and technical administration of projects.

INFOGESA, Informática Gerencial, SA   Caracas, January 2010 — November 2014

<u>Web Consultant, MAPFRE CA de Seguros</u> — Software architecture, design and development of web sites, applications and services, full-stack role. Design of version control schemes and continuous integration. DevOps activities. Coordination and technical administration of projects.

Urbina Casa de Software, CA   Caracas, July 2007 — December 2009
Web Consultant, MAPFRE CA de Seguros - Software architecture, design and development of web sites, applications and services, full-stack role. Design of version control schemes and continuous integration. DevOps activities. Coordination and technical administration of projects.

Servicios Integrales de Administración Empresarial   Caracas, November 2004 — July 2007
Senior Developer - Software architecture, design and development of web sites, applications and services, full-stack role. Design of version control schemes and continuous integration. DevOps activities. Coordination and technical administration of projects.

FAO (Org. de la ONU para la Agricultura y la Alimentación)   Caracas, November 2005 — May 2006
National Consultant, Internet Programmer-Analyst (three-month contracting) - Development and adaptation of web applications and services GIS (Geographic Information Systems), full-stack role.

Certifications

Scrum Agile Institute   Caracas, April 2020
Scrum Master, certificate 300117-29 (https://www.scrumagileinstitute.com/certificate-verification/)

British Council   Caracas, March 2015
British Council English Language course, 6B Level

Studies

Colegio Universitario Francisco de Miranda   Caracas, March 2000 — August 2003
Senior University Technician in Informatics, 6th Semester — unfinished course.

Universidad Central de Venezuela   Caracas, March 1991 — August 1993
Electrical Engineering, 5th Semester — unfinished course.

Languages

Spanish — Native language.
English — Good reading and writing, intermediate to good speaking level.