

Architecture, design and development of sites, applications and web services

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Residence: Caracas, Venezuela

Knowledge and best professional performance areas

Web applications and solutions, architecture, design and development

Front-end, back-end or full-stack programming. Building tools. Usability and accessibility design. Adaptive web design. Responsive web design. Construction of progressive web applications (PWA). Non-obstrusive programming. XHTML serialization. Open standards and technologies oriented. (~15 years of experience).

Hybrid mobile applications, design and development

Front-end, back-end or full-stack programming. Usability and accessibility design. Non-obstrusive programming. XHTML serialization. Open standards and technologies oriented. (~4 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. (~10 years of experience).

Static websites, architecture, design and development

Static site generators (SSG). Building tools. Usability and accessibility design. Adaptive web design. Responsive web design. Adoption of PWA schemes. Non-obstrusive programming. XHTML serialization. Open standards and technologies oriented. (~15 years of experience).

Relational and NoSQL databases, architecture, design and development

Definition and creation of schemes, normalization. Stored procedures programming. NoSQL scripting. (~10 years of experience).

Web platform, architecture, design, configuration and implementation

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. (~10 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. (~10 years of experience).

DevOps

Automation of integration and deployment tasks. Architecture, design and implementation of integration schemes and continuous application deployment. Design and administration of environments. (~10 years of experience).

Implementation and use of agile development methodologies

Scrum teams creation. Integration to Scrum teams. Kanban methodology. (~2 years of experience).

Tools

Development Methodologies

Kanban, Scrum, waterfall.

Programming, scripting, query and markup languages. Platforms, libraries and frameworks

PHP, JSP, Groovy, HTML5, XHTML, XML, JSON, YAML, CSS3, ECMAScript/JavaScript, shell scripting, Markdown, SQL, PL/SQL, Transact-SQL, Xpath, Java EE, Apache Cordova, Framework7, ReactJS.

Development environments and text editors

Visual Studio Code, WebStorm, PHPStorm, IntelliJ IDEA, Android Studio, Eclipse, Xcode, Visual Studio, PL/SQL Developer, MySQL Workbench, iReports, vi, Cream, Notepad++.

Database management systems

MongoDB, Redis, Oracle, MySQL/MariaSQL, PostgreSQL.

Middleware, servlet containers, web servers

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

Report tools

Jasper Reports, Crystal Reports.

Version control

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

Building, static site generators, CI / CD, DevOps, cloud, remote administration

Grunt, Metalsmith, Jenkins, Elastic Stack, Google Cloud Platform, SSH, X Window System.

Testing

SOAPUI, Silk Test, Webload, WinRunner.

Operative systems

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

Professional experience

FirmwareCO

Caracas, July 2019 – October 2019

Solutions architect - 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

Web Consultant - 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

Fullstack Developer - Design and development of web applications and services, full-stack role, Scrum team. DevOps activities.

Servicios Tecnológicos Nubise, SA

Caracas, November 2013 – August 2014

Senior developer - 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*

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.

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.

Telcel Bellsouth*Caracas, June 1996 – October 1996*

Support Analyst (three-month contracting) – Operation of the T-DATA/T-NET Control Center during the implementation period, support to corporate clients of data transport services and Internet.

BBVA Banco Provincial*Caracas, December 1991 – October 2004*

Telecom Tech./ Second Level Support Tech. – SDLC resources and Token Ring networks management. Telecommunications equipment and networks installation and configuration.

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.

Instituto Nacional de Cooperación Educativa INCE*Caracas, June 1989 – February 1991*

Technician in electronics – 1.320 hours.

Languages

Spanish – Native language.

English – Good reading and writing, intermediate speaking level. British Council English Language course, 6B Level approved.