



Marco Vilorio

Sr. Full Stack Software Engineer

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📍 Valera, Venezuela

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📅 March 10th, 1986

Profile

I have a degree as Systems Engineer (Computational Systems mention). Challenges lover. I try my job to be perfect, stable, robust. I understand how computers work and I take it into account when doing my job. I try to learn better ways to do the job. Able to see complete solutions. Customer focused. Believer that technical knowledge is the basis to build good solutions.

Languages

Spanish (Native) | **English** (Full working proficiency)

Skills

Angular 4.7 years	● ● ● ● ●	Typescript 4.7 years	● ● ● ● ●
Java 8.5 years	● ● ● ● ●	Javascript 7.5 years	● ● ● ● ●
PL/SQL (Oracle, MySQL, Postgres) 8.5 years	● ● ● ● ●	REST API 7.5 years	● ● ● ● ●
Networking 1 year	● ● ● ● ●	Manager 14 years	● ● ● ● ●
HTML 7.5 years	● ● ● ● ●	NodeJS Few months	● ● ● ● ●
CSS 7.5 years	● ● ● ● ●	Spring Boot 2.5 years	● ● ● ● ●
Microservices 3.5 years	● ● ● ● ●	C/C++ Highly used at college	● ● ● ● ●
React Personal projects	● ● ● ● ●	AWS 7.5 years	● ● ● ● ●
Kubernetes 3.5 years	● ● ● ● ●	Docker 3.5 years	● ● ● ● ●

Education

2008 – 2015
Merida, Venezuela

Systems Engineer (Computational Systems)

University of the Andes

Relevant courses: Data Bases, Computer Networks, Operating Systems, Algorithms Design, Software Engineering, Computer Theory, Compilers, Parallel and Distributed Programming, Geographic Info Systems, Graphic Computer, Computers Architecture, Programming (3 levels).

2003 – 2006
Trujillo, Venezuela

Agricultural Engineer (Incomplete)

University of the Andes

Certificates


React

Udemy - The Complete Guide
(incl Hooks, React Router,
Redux)

Courses

2018	Angular (90% completion) <i>Udemy</i>
2016 Merida, Venezuela	Java 8 OCA
2014 Merida, Venezuela	Analog Electronics <i>Simon Bolivar Institute</i>
2014 Merida, Venezuela	Cisco CCNA 3 v5.0 <i>ESLARED</i>
2014 Merida, Venezuela	Cisco CCNA 2 v5.0 <i>ESLARED</i>
2013 Merida, Venezuela	Cisco CCNA 1 v4.0 <i>ESLARED</i>
2004 Valera, Venezuela	Computer Repair and Maintenance <i>University Valle of Momboy</i>

Professional Experience

December 2015 – present Merida, Venezuela	Full Stack Software Engineer <i>Messangi Corporation</i>  It's a B2B services provider under SaaS approach, serving broadcasting and two way communication solutions with high concurrency, through Whatsapp, SMS or email. Activities: <ul style="list-style-type: none">• <i>Software development:</i> Developing features that improve specific behaviors and Developing new features as new products.• <i>Team player:</i> Executing tasks previously planned by a project owner or project lead. Helping other coworkers while they have needed some of help identifying problems or looking for ways to make a solution.• <i>Project owner:</i> Follow up of specific projects in charge, features planning and execution, responsible to interact with different departments to define project direction, project features or project modifications.• <i>Project lead:</i> Project planning, project team lead, project execution and project team mentoring.• <i>Project planning:</i> Project details definition, requirements gathering, technical evaluation, project tasks organization, project execution time estimation.• <i>Project execution:</i> Being as project owner, project lead, having done a project plan or under the charge of another lead. It mainly means the execution of tasks previously defined, feedback processes, project delivery and follow up of production release.• <i>Methodologies application in project stages:</i> Working under defined steps of standardized methodologies allows to have a clear process throughout different stages and a high possibility of project success, it means that the project execution begins in requirements gathering and project planning under agile methodology applying scrum, task slicing, due dates, tasks execution, unit test process, feedback, QA stage.
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- Troubleshooting: As a service provider, customers sometime finds bugs and it is important to investigate what happened and fix it.

Tech tools experienced:

Java, Javascript, Angular, Typescript, RxJS, PostgreSQL, OracleSQL, REST API, NodeJS, Spring Boot, Microservices, Jasmine, Karma, Rabbit, Redis, AWS, Google Cloud, Kubernetes, Docker, Continuous integration, Git, Jira, Monday, Clickup.

November 2014 –
November 2015
Merida, Venezuela

Systems Engineer

Hospital Clinico Del Valle and Zenca Group

Health service companies, a Drug Factory and a Hospital.

Activities:

- *Technical support and troubleshooting:* Tech ecosystem needed to be supported, fixing problems and maintaining it.
- *Tech lead:* Mentoring coworkers in some areas, leadership of a small team.
- *Solutions planning:* It used to depend of what the company needed, prioritizing tasks or projects, it needed requirements gathering, task definition and reporting them to the companies owner and the operations manager. Also, companies wanted keeping finding how tech could simplify processes and save resources for the business, it started having meetings with companies owner or some other department managers having ideas from scratch and brainstorming about what could be improved or optimized.
- *Solutions execution:* Usually three scopes were attended:
 - *Tech infrastructure:* Maintenance and improvement of networks, set of computers, servers and all of them integrated as distributed systems.
 - *Software applications:* Managing, maintenance, creation and improvement of applications needed for the companies.
 - *Integration of technology in processes:* It's the release of a previously defined process using technology as tool for reducing time and saving resources.

Tech tools experienced:

Java, C, MySQL, Servers, Networking, Visual FoxPro.

December 2005 –
November 2014
Valera, Venezuela

CEO

Super Activa FM

It's a radio FM, a family project. I was there since its foundation when I was still a teenager.

Activities:

- *Operations:* I integrated technologies to make the Radio work, connections, computers, audio consoles and so on. I made an autonomous system to turn on and turn off the radio.
- *Sound control driver:* Driving the sound control and computer to transmit the audio, mixing music and audio hosts.
- *Devices maintenance:* Maintenance of computers, configuring computers to use them for live audio broadcasting or audio recording. Maintenance of audio connections and broadcasting wires.
- *Radio programming:* I used to plan the audio to be transmitted.
- *Sound edition:* Edition of sponsor tracks taking the host audio and mixing it with music and sound effects, it used to be for commercial advertising or audio programs advertising.
- *Sound recording:* Using a computer, an appropriate software and microphones to record sound from hosts.
- *Business managing:* I defined protocols about how to handle sales, billing and prices, all of them to make the project grow up and be successful.
- *Direction Managing:* Executing plans, managing people involved in different areas of the project, having the overview of the project, keeping in mind the idea of doing something nice, reducing expenses and making money. I tried to make a profitable business for everyone involved.

Areas experienced:

September 2002 –
November 2005
Valera, Venezuela

- Managing, company organization, people managing, tech maintenance, tech processes automation.

Production Manager

Optima FM

It's a radio FM, a project family. I was one of founders when I was a teenager.

Activities:

- *Operations*: I integrated technology to make the Radio work, connections, computers audio consoles and so on.
- *Control driver*: Driving the sound control and computer to broadcast the audio, having music and audio hosts.
- *Devices maintenance*: Maintenance of computers, computers configuration to use them for live audio or recording. Maintenance of audio connections and broadcasting wires.
- *Radio programming*: I used to plan the audio to be transmitted.
- *Sound edition*: Edition of sponsor tracks taking the host audio and mixing it with music and sound effects, it used to be for commercial advertising or audio programs advertising.

Tech experienced:

Computers maintenance, sound control devices, audio wiring, broadcasting wiring, audio software.

Interests

- Soccer
- Traveling
- Working out