

# Juan Ruiz Villa

Engineering Consultant at Viaccess-Orca

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[Github.com/juan-ruiz](https://github.com/juan-ruiz)

## Summary

Software Engineer with extensive experience delivering mission critical solutions for customers in 4 continents. Working experience designing and deploying solutions serving more than 2 million devices, DevOps, software support lvl 1, 2 and 3, system integration, frontend development, backend development, databases, web development, desktop development, QA, test automation, content delivery/protection, headend support, CAS, DRM, and Middleware deployment and support for IPTV and OTT.

Eager to work in software architecture, software development, software engineering, technical customer support, and software deployment (Devops). Skills in leadership, oratory, work under pressure, goal oriented work, managing customer relationships, learning new technologies, and adapting to changing environments.

## Experience

### **Engineering Consultant at Viaccess-Orca**

October 2014 - Present (2 years 4 months)

Customer support, pre-sales and technical demo support for the americas, DevOps Engineering, tool development for internal teams, deployment and engineering tasks for customers in europe, asia, africa and america.

### **Fullstack Freelance Developer**

January 2016 - Present (1 year 1 month)

Frontend and backend Development, experience and proficiency using javascript, html, css, sass, gulp, bootstrap-like frameworks, react, node.js, electron.js, ruby, java, c#, .net framework, index.js, mongodb, Oracle DB, MSSQL server, Mysql, PHP, laravel, python, among other technologies.

### **Technology Project Engineer at Unión Eléctrica S.A**

December 2013 - October 2014 (11 months)

Management of the IT infrastructure for IPTV, and OTT for UNE, project management, DevOps, solution deployment, solution architectures, design and deployment of software and hardware based solutions, pre-sales and technical demos.

### **Functional Analyst at Banco de Occidente**

April 2013 - December 2013 (9 months)

Requirements engineering, leading software development process, customer relationships, software requirements specification, use cases, IT project management.

## **Fullstack Freelance Developer**

2009 - March 2010 (1 year)

Sales backoffice development (LAMP stack) for Caribbean Cruise Line Latin-America.

## Courses

### **Independent Coursework**

Mobile app development

Database design and implementation

Software Architectures

## Certifications

### **Introduction to Digital Sound Design**

Coursera February 2013

## Projects

### **ACARDI - Assisted Ct bAsed Cardiac Dlnagnosis**

February 2012 to November 2013

Members: Juan Ruiz Villa, Ricardo Arcila

Adaptation and implementation of the MARACAS algorithm for aiding the diagnosis of stenosis on arteries proposed by the CREATIS lab.

### **DESIGN AND DEPLOYMENT OF A BROADCASTING PLATFORM FOR 2014 FIFA WORLD CUP**

June 2014 to August 2014

Members: Juan Ruiz Villa, Wilson Giovanni Castañeda Barbosa

My responsibilities included the deployment and design of a broadcasting solution for the fifa world cup by leveraging verimatrix's digital right management platform, and envivio's encoding platform on IPTV networks and ott devices, continuous support of the platform, stabilization, managing the provider's relationships, managing client's and vendor's schedule.

## Languages

English (Full proficiency)

Spanish (Native proficiency)

French (Professional working proficiency)

## Education

### **Universidad ICESI**

Engineer's degree, Information Technology, 2008 – 2014