Jorge Alberto López Márquez
.Net & Mobile Developer

Professional Profile

Systems engineer with seven (7+) years of experience in software development for different types of customers. I worked in the analysis, development and maintenance of software applications used in the Agro-Industry (Ingenio de Azucar Rio Paila Castilla), energy and utilities (Ecopetrol), pharmaceutical companies (Evedisa), Mobile Banking (Veritran) and others.

I am a proactive individual with excellent skills for communication, leadership and teamwork, I like to propose and develop solutions to any kind of problems. Productive in both team-based and self-managed projects. Someone who encourages learning and the sharing of ideas and is always open to new ways of working.

Skills & Knowledge

- .Net Windows Forms (3 years)
- ASP.NET (5 years)
- ASP.NET WebServices (3 years)
- .Net Compact Framework, Windows Mobile (2 years)
- C# (7 years)
- Android, Android Wear (1 year)
- iOS, WatchOS (1 year)
- VB.NET(2 years)
- SQLServer 2008 (3 years)
- MySql Data Base (1 year)
- Oracle 9i and PL/SQL (3 years)
- EntityFramework (2 years)
- Web Api 2. REST Services (1 year)
- Javascript (3 years)
- CSS (3 years)

- Bootstrap (1 years)
- Jquery (2 years)
- Scrum Master (1 year)
- Software Development (7 years)
- Technical Lead (2 years)
- Matlab- Machine Learning (1 years)
- Java, Python and C++ (Academic Knowledge)
- More experience in BackEnd over Front End

Studies and Certifications

- **Scrum Master**
  Seonti-Scrum Agile Institute. Pereira/Colombia
  Validity: November 2015- November 2018

- **Master of Computer and Systems Engineering**
  Universidad Tecnológica de Pereira. Pereira/Colombia
  Current.

- **Computer and System Engineering**
  Universidad Tecnológica de Pereira. Pereira/Colombia
  December 2010

- **Languages**
  Spanish: Native
  English: Medium

Work Experience

VERITRAN – (February 2016 – Current)
Project: Mobile Banking - Role: Mobile Developer

- Provide continuity in the Development and maintenance of an Android and iOS App for Banking Mobile.
- Analysis, design and development a wearable application for Android Wear.
- Analysis, design and development a wearable application for Apple Watch. Using Swift 3 and Watch OS 2.2

INDRA – (October 2014 – December 2016)
Project: Ecopetrol - Role: Software Engineer (Thecnical lead)

- Technical lead for the initiative (RIS Web App) Ecopetrol for the development team located in the City of Pereira for all evolutionary maintenance required. Web application built in .Net Framework 2.0 and Oracle Data Base.
- .Net developer for the initiative SINOPER, web application built in .net Framework 1.1 and Database Oracle.
- Analyze and create technical designs based on use cases.
- Developing technical specifications based on provided requirements, to ensure software meets functional requirements and any non-functional characteristics.
- Review-level software architecture for determining performance problems.
- Actively participating in code reviews to improve the overall quality of the solution.
- Management for development teams

INDRA – (April 2014 – October 2014)
Project: Ecopetrol - Role: Software Engineer

- Provide continuity in the development and software testing for the initiative called "Variables de calidad y Moes". Module development for SINOPER Application, web application built in .NET Framework 1.1 and Database Oracle.
- Work side-by-side with QC (Quality Control team) on removing defects from the product.
- Work closely with client teams in a collaborative environment.

INDRA – (May 2013 – April 2014)
Project: Ecopetrol - Role: Software Engineer

- .Net developer for the web application called "VHS-12-022-Prestación de servicios de salud a los beneficiarios sin carnet de salud de Ecopetrol y sólo con documento de identidad" built in .NET Framework 3.5 and Database SQLServer 2008.

- Developing technical specifications based on provided requirements, to ensure software meets functional requirements and any non-functional characteristics.
- Unit Testing.

INDRA – (April 2012 – December 2012)

Project: Ministerio publico y defensa publica poder judicial de la republica de costa rica - Role: .Net Developer

- Web application built in ASP.NET Framework 3.5, Entity Framework and SQL Server 2008. Two teams located in different countries developed the application. One team was located in Spain and developed all the back End. In Colombia my team developed the front end.
- Work Management to development team in Colombia.
- Work closely with Spain and Colombian development teams in a collaborative environment following an agile methodology.
- Developing technical specifications based on provided requirements, to ensure software meets functional requirements.

EVE Distribuciones SAS – (April 2011 – April 2012)

Project: Internal Software- Role: .NET Developer

- Development and maintenance a .NET Windows Form application for Billing Department developed in framework 4.0 entity framework and SQLServer 2008.
- Analysis, design and development an application POS (Point of Sale System), developed in .net 4.0, entity framework and SQLServer 2008.
- Participation in all software developer process: requirements analysis, software design, implementation, testing, deployment and trainning end user.

Grupo JAD Ltda – (January 2010 – April 2011)

Project: Vehicle Logistics Execution - Role: .Net Developer

- Robust platform designed for planning, monitoring and automated control of the work of cargo transport vehicles, heavy machinery and agricultural machinery, also recording the telemetry variables obtained through the vehicle CAN network. It allows monitoring the location of vehicles in control maps freely available. VLE is integrated with SAP or other ERP. The application has two main components, an application developed in .NET Compact Framework, which is installed in computer located in the vehicle, it is responsible for capturing the telemetry information and business logic from the user and sends data through internet mobile, the second component is a web application built on PHP, which stores information and integrates with SAP.
- Analysis, design and development of .Net Windows Forms Application, with Compact Framework 2.0 and MySQL. (The component installed in the vehicle)
- Participation in all software developer process: requirements analysis, software design, implementation, testing, deployment and trainning end user.

Grupo Jad – (April 2009 – December 2010)
Project: Field Management - Role: .NET Developer

- Analysis, design and development of .Net Windows mobile application
- Participation in all software developer process: requirements analysis, software design, implementation, testing, deployment and trainning end user.

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