José Miguel Arroyave O.
COMPUTER SCIENCE ENGINEER

Information
civil status: single
birth date: 15/12/1981
residence: Guatemala

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Languages
Spanish (Native)
English

Top Skills
BPM software development
Software development process
Data Science

Software Development
Java, .NET, Javascript, Android
Quality Assurance
TDD, Enzyme, Mocha
DevOps
CI/CD, Jenkins, GIT

Angular Jenkins Python ReactJS .NET Java JavaEE DevOps openCV Linux DataScience ASPNet Hadoop Cordoba Sharepoint ContinousIntegration NoSQL SAP Javascript NLP nodeJS Octave AntLR HTML5 RDBMS Android PHP

Brief
I have worked in software development with different tools and various platforms, also have experience in the other areas of the software development cycle and managing of software development teams for projects and products.

Achievements
» Managed a 5 people development team.
» Worked with a team who developed from scratch an ERP, participating in the architecture's design, the coding phase and the implementation.
» Customized and implemented different BPM systems in companies based in United States and other countries of Central America.

Experience

Freelance
Software Developer
JAVA JAVASCRIPT ANGULAR REACT.JS NLP NODE.JS OPENCV PYTHON
Jan 2008 – today
» I worked in different consultancies and developed software for various purposes, from web pages to custom sub systems to support business processes.
» As personal projects I developed many applications as a proof of concept and others as experiments to evaluate new tools, among them:

Software trends https://jmarroyave-apps-stackoverflow.herokuapp.com
JAVA JAVASCRIPT REACT.JS NLP NODE.JS DEVOPS CI/CD SHELL SCRIPTING
MLB ReactJS Test https://jmarroyave-apps-mlb.herokuapp.com/index.html
JAVASCRIPT REACT.JS NODE.JS
Kaggle.com: Titanic challenge – 0.78947
MACHINE-LEARNING
Linux from scratch compilation
DEVOPS LINUX
Built a compilation pipeline for Android's ROM for the phone gomobile 950
DEVOPS ANDROID

Interactúa Móvil
Software Developer
JAVA QUEUES PHP
Mar 2011 – Apr 2012 (1 year 2 months)
» Development of a notification delivery system for users through SMS.

XumaK
Software Developer
JAVA OSGI JSP
Nov 2011 – Jan 2012 (3 months)
» Development of custom modules for implementations of CMS CQ5.

Universidad del Valle de Guatemala
Professor at the computer science department
Jul 2007 – May 2008 (1 year)
» Introduction to object oriented programming.
» Design and construction of compilers.
» Formal languages and automata theory.

REDECON

Software Developer

.NET ASP.NET BUSINESS INTELLIGENCE

Sep 2007 - Feb 2010 (2 years 6 months)

- » Development of custom modules for warehouse management (WMS), logistics and sales force support.
- » Development of interoperational interfaces for legacy systems and SAP.
- » Development of handheld applications.
- » System implementation and users training.

GarboWeb

Software Developer

PHP .NET SHAREPOINT DOTNETNUKE

Mar 2008 – Nov 2008 (8 months)

- » Development of custom modules for an intranet and web portal implementation.

Infonet - Grupo Tecnetrón

Project Manager

SHAREPOINT

Jul 2005 – Dec 2007 (2 years 6 months)

- » Managed the research and development team of the ERP.
- » Implementation of the intranet, collaboration tools and a knowledge base.
- » Responsible of the software architecture of the ERP.

Software Developer

.NET

Nov 2003 – Dec 2007 (4 years 1 month)

- » Architecture design and development for the ERP.
- » Helped with the development of the software usability and UI standards.
- » Development of the programming standards for the development team

Education

2000 – 2005

Computer Science Engineer `cum laude`

eLearning

- » Agile Development, University of Virginia
- » Software Product Management, University of Alberta
- » Machine Learning, Stanford University
- » Image classification and object detection, Universitat Autónoma de Barcelona
- » Algorithms, Princeton University
- » Natural Language Processing, Columbia University
- » Human-Computer Interaction, Stanford University
- » Model Thinking, University of Michigan