

José R. Aguilar

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SOFTWARE ENGINEER

BUSINESS ANALYSIS | PROJECT PLANNING | AGILE EXPERIENCE

- 3+ years of work experience in the IT industry.
- Excellent organizational, time management, verbal and written communication skills.
- Specializes in object-oriented software design, user-oriented interface design, algorithm concepts and data management tools.
- Excellent problem solver with strong analytical skills used to troubleshoot issues.
- Proficient in generating and automating a variety of reports for the organization from a complex set of databases.
- Service-oriented with an ability to assess customer needs and creatively meet quality standards of service even under difficult circumstances.
- Multilingual in English, French and Spanish; uses strong communication skills to support clients and relay technical solutions to coworkers.

TECHNICAL SKILLS

Programming: Python, C++, C#, VBA.

Operating Systems: Windows OS, Linux, MacOS.

Applications: MySQL, MATLAB, LabView (National Instruments), Siemens Step 7, AutoCAD.

Other: MS Office (Excel, Word, Access, PowerPoint, MS Project, Publisher), Vim, LATEX, Arduino.

WORK EXPERIENCE

Business Analyst

Nov. 2016 – Dec. 2019

Amdocs, Guadalajara, Mexico

- Automated and Developed business architecture based on client's metrics and requirements, decreasing document creation and analysis time by 60%.
- Liaised between management and technical personnel to ensure a mutual understanding of processes and applications.
- Reviewed, modified and Automated complex production and management procedures.
- Achieved budget reduction of approximately 10% through improved IT expenditures and support, reductions in consultant contracts and unnecessary travel expenditures.
- Successfully migrated various application scripts from HP Quality Center to Rational Solution for Collaborative Lifecycle Management (IBM).
- Received **Employee of the Month** award for outstanding leadership, technical, collaboration and teamwork skills demonstrated throughout the project.

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WORK EXPERIENCE (CONTINUED)

Project Manager

Dec. 2014 – Aug. 2015

COMESA, Mexico

- Implementation of an Integral Management system of Digital Oilfield and Asset Optimization Technology (SIAPPEP), in the Northern and Southern Regions of PEMEX exploration and production (PEP).

OTHER WORK EXPERIENCE

PLC Programmer (Internship)

Jan 2011 – Jul 2011

HITEC Ingenium, Mexico

- Documented and elaborated flowcharts of industrial processes.
- Designed an automated solution based on this flowchart to replace manual steps in the process.
- Programmed PLC's based in Siemens Simantic S7 for further integration with scale model construction blocks (Fischertechnik).

Financial Planner

Nov 2013 – Mar 2014

Old Mutual, Mexico

- Automated and streamlined month-end financial processes reducing time to close and report by 30%.
- Finance, investment and asset management of individual and corporate portfolios.

EDUCATION

Software Engineering Technology

Centennial College, Toronto

Jan 2020 - Present

Expected graduation: Dec. 2021

MFI - Master of Corporate Finance and Management

EAE Business School, Spain

Oct. 2012 – Jul. 2013

B.S. Mechatronics Engineering (Honours)

Tecnologico de Monterrey (ITESM), Mexico

Ago. 2004 – May 2009

- Overall GPA 4.1/4.5

Relevant Courses:

Programming I & II
Microcontrollers

Computer Networks
Data Analysis