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Profile		
<p>Highly professional, hardworking Computer Scientist and Mechanical Engineer with knowledge of different technologies, methodologies and software development tools such as C# and Java programming languages, the traditional software development cycle and agile methodologies (Scrum), the Object-Oriented software development approach, WPS and the .NET framework, relational (TSQL) and non-relational database design and management, fundamental networking concepts and Computer architecture.</p>		
<p>In terms of my work experience, during these two years with Optel Group, I have had a great exposure to solution design for the Pharmaceutical and Medical Device sector, by following the Concurrent Engineering approach. I have put in practice my knowledge in different computing and automation areas by designing, testing and troubleshooting automated systems (configuration made on XML and Python), signal exchange with OEM's PLC, troubleshooting network connectivity, as well as challenging and testing Vision systems and analysis such as OCV, Barcode, Presence and Orientation, among others.</p>		
Education & Professional Qualifications		
Higher Diploma in Science in Computing (NFQ Level 8)	ITSligo (GPA: 84.67%. 1st Class Honours Award)	
Master in Management Engineering (NFQ Level 9)	Universidad Metropolitana (Caracas-Venezuela//GPA: 91%)	
Mechanical Engineer (NFQ Level 8)	Universidad Simón Bolívar (Caracas-Venezuela//GPA:70.4%)	
Career History		
Optel Group	Jan 2017 - Today	
<p>Software Configuration Engineer</p> <ul style="list-style-type: none"> ➤ Participating to the design and conception of the solution under the concurrent engineering approach. ➤ Performing Feasibility Studies (definition of the resolution, lenses, cameras and lighting used on vision systems) for carrying out different vision analysis (i.e. 2D and 1D barcode analysis, OCV analysis, presence and orientation, etc.). ➤ Configuring systems in XML and Python: Defining the system sequence for tracking products in a great variety of automated industrial production lines, including the management of all the signal exchange with OEM and customer's PLCs. ➤ Performing system simulations to validate the tracking, signaling, testing Track and Trace features (Serialization + Aggregation of units of sales) as well as vision analysis. ➤ Developing scripts to automate production and testing. ➤ Performing system tests and suggesting adjustments (Hardware and Software). ➤ Providing support in Research and Development for vision programmers. 		
Frank Hogan Ltd.	May 2013 – Jan 2017	
<p>VW & Skoda Warranty Administrator</p> <ul style="list-style-type: none"> ➤ Submitting and tracking all the Volkswagen and Skoda warranty claims. ➤ Minimize flaws in the warranty process so that the error rate is below the penalization threshold. ➤ Supervise product enhancement campaigns and recalls. ➤ Calculation of warranty related KPIs and reporting to the dealership top Management. ➤ Managing all job orders related to Leaseplan Management Services. 		

Toyota de Venezuela, C.A.	Sept 2007 – Jun 2012
Customer Relations Supervisor I <ul style="list-style-type: none"> ➤ Planning and executing strategies aimed at strengthening customer relations at factory and dealer network levels. ➤ Promoting measures and preventive actions in case of customers complain to the factory. ➤ Serious complaint handling. (Fire hazards, safety features problems, sudden acceleration and third parties involved issues). ➤ Delivery & maintenance of staff training on customer service. ➤ Management of launching, follow-up and closure processes of service campaigns. 	
Ademinsa Venezolana, S.A.	Jan 2007 – Sept 2007
Non-destructive Test Engineer <ul style="list-style-type: none"> ➤ Collecting vibration data of industrial equipment at filed owned by Minera Loma de Niquel (MLDN). ➤ Downloading and registering vibration data to create historical records per machine. ➤ Analyzing field data and transferring conclusions to the MLDN's Maintenance Management as a predictive maintenance service. 	
Professional Training & Development	
<ul style="list-style-type: none"> ➤ Java Associate Developer SE7. Delivered by Ecollege (SOLAS e-learning provider). ➤ Computer programming for beginners. Delivered by Limerick College of Further Education. NFQ Level 5, awarded with distinction. ➤ Toyota Training Program (TEAM21). Engine, chassis and electrical training path related to automobile mechanics. 4th level out of 5 was achieved. 	
Other Relevant Skills	
<ul style="list-style-type: none"> ➤ Programming languages: C#, Java, JavaScript and Python. ➤ Database management: SQL Server 2012, T-SQL and SQLite. ➤ Web development: HTML5, CSS3, Bootstrap 4 and jQuery library. ➤ Version control system: git. ➤ Strategic planning and decision making. ➤ High exposure to Kaizen, Kanban, Continuous Improvement culture and many other lean concepts. ➤ Fault finding, troubleshooting & problem solving methodologies (5Why, Ishikawa diagram, A3 and Toyota Business Practices). ➤ Customer oriented, always thinking of maximizing customer satisfaction by understanding customer needs and requirements. ➤ Advanced Microsoft Office Skills (Word, Excel, PowerPoint, Outlook, Access). ➤ Autodesk Inventor and CAD modelling. ➤ Highly motivated to learn and develop new skills. ➤ Touch typing (30-40 wpm). 	
Referees (Witten References Available on Request)	