**Samuel Ramirez**

**Spring, Texas** | samuel.ssrcv@gmail.com | (386)848-5293

Electronic engineer, knowledgeable about engineering methodologies, over five years’ experience in the oil and gas industry, Lean Six Sigma background. Involved in designing electronic and mechanical drawings. Skilled in automation, instrumentation, and programming Programmable Logic Controllers (PLC) at oil companies.

**EDUCATION**

* **Western Governors University Current**

Bachelor of Science | Major: Computer Science

* **Six Sigma Academy Amsterdam****2020**

Lean Six Sigma Yellow Belt | Certificate

* **National Experimental Polytechnic University ‘Antonio Jose De Sucre’**,Guayana City, Venezuela**2016**

Programmable Logic Controller Allen Bradley RSLogix 500 | Certificate

* **National Experimental Polytechnic University ‘Antonio Jose De Sucre’**,Guayana City, Venezuela**2012-2016**

Bachelor of Science | Major: Electronic Engineering

**WORK EXPERIENCE**

**GlobaLogix,** Pecos, Tx  **Sep 2020 – Apr 2023**

**Controls Engineer**

* Designed electrical cabinets and control systems used in oil and gas extraction locations.
* Troubleshot, modified and created programs in Ladder Logic for PLCs used in oil and gas extraction locations.
* Used of PLC/HMI programming skills and knowledge to resolve problems and develop new machinery at oil and gas extraction locations.
* Provided feedback into process and controls design optimization.
* Conducted system performance tests and experiments by measuring process variables.

**CSAT Solutions**, Houston, Tx **Dec 2018 – Sep 2020**

**Process Engineer**

* Coordinated new product introduction, process readiness and training for Laptops and Tables.
* Developed and coordinated activities associated with 5S and Six Sigma methodologies to promote continuous process improvements.
* Supported project communications, including creation of status reports and summaries on product data, internal and external KPIs, identifies & implements key actions to improve KPIs.
* Provided and reviewed documented written work instructions for operations to ensure repeatability and reproducibility (flow charts, control charts, manufacturing process instructions).
* Developed learning notes and sheets for new technicians in training.

**PDVSA,** Guayana City, Venezuela **Feb 2016 – Nov 2018**

**Electronic Engineer**

* Programmed and maintained Human Machine Interface on system information developed.
* Programmed, tested and maintained Yokogawa, Siemens and Allen bradley PLC used on oil and gas extraction locations.
* Installed, tested and replaced instruments used as operational system components.
* Attended services call regarding malfunction on operation systems used in oil and gas extraction locations.

**Leadership & Activity**

**National Experimental Polytechnic University ‘Antonio Jose De Sucre’ Math Society Sep 2015 – May 2016**

Membership Coordinator

* Running daily crew activities within the university campus.
* Meeting with the Student’s Union and career development department for company events on campus.

**Skills**

* Languages: Fluent English and Spanish.
* Microsoft Excel, Word, PowerPoint, Outlook, Teams, Matlab, Java, Javascript, C++, HTML, CSS, Reactjs.
* HMI, allen bradley plc, siemens plc, emerson plc, abb plc, hand tools.
* Schematics, troubleshooting skills, assembly, and repair electronics.
* Communication, critical thinking, attention to detail, adaptability, collaboration.