CARLOS ARREOLA

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Skills

- HTML | CSS | JavaScript | React | Angular | C++ | Git | Bootstrap | PHP | Ladder Logic | Graphical programming language | Wordpress
- Github | npm | CI/CD | DevTools | CSS Media Query | FTP | Grid & Flexbox | Quality Assurance | Pic C | ASIC | Quality Assurance
- Responsive Design | Frontend | English, Spanish – *All professional proficiency or above*

Experience

Web Developer (Frontend)	**Treiteck Technologies**	**03/2021 - Current**

- Implement websites, including responsive websites, and landing pages from concept through deployment.
- Knowledge in Frontend technologies such as React.js, Angular, Bootstrap, and advanced CSS tools like Grid, Flexbox and Media Queries.
- Collaborated with product team members to implement new features.
- Looking for the implementation of new languages and technologies to save development time and raise the quality of the project.
- Work closely with programmers and clients to meet project requirements, goals, and desired functionality.
- Working and collaborating closely with customers and their necessity.
- Worked with Quality Assurance to get new pages/products tested, and addressed any issues within 48 hours.
- Utilized HTML, CSS and javaScript to create responsive web pages.
- Build and design a fast and user-friendly interface website.
- Implement new tools and technologies to reduce webpage load time from 6 seconds to 2 seconds.

Automation Engineer	**Grupo Victor**	**07/2018 - 03/2021**

- PLC and HMI programming for the automation and control of automatic bagging machines.
- Analyze issues with equipment and develop solutions as well as continual improvements that can prevent malfunction in the future.
- I fixed an error in six weight machines by programming the RiceLake screen, save one month of work and have the machines ready to go in just 2 days.
- Leader lenguaje programming for PLC brand Delta, Allen Bradley and Siemens with ISPSoft, Studio5000 and Step 7.
- Programming of RiceLake screens specialized for net weight.
- Design of electrical diagrams for the control and the supervision cabinets of the project from scratch to deployment.
- Pneumatic and hydraulic design in Festo Fluidsim.
- Programming of RiceLake screens specialized for net weight.
- Lead a team of 4 technicians to achieve the maintenance sprint to the machines around the country.

Mechatronic Engineer, Intern	**MC Pack**	**06/2017 - 12/2017**

- **Mechanical design & PLC Programming:** Packing machines Design with Solidworks and PLC programming with ISPSoft software.

Education

Mechatronic Engineer	**Universidad Politécnica de Sinaloa**	**08/2014 - 06/2018**

- Major in Mechatronic Engineering

Projects

- **BEACH ROBOT:** I made a Beach cleaner robot for the Mexican robotics tournament (Solidworks, Raspberry Pi, Phyton). **(03/2016)**

Certificates

- **JavaScript Essential Training:** Linkedin Learning - September 2022
- **Mexican robotics tournament: Mexican Federation of Robotics - March 2016**

Soft Skills

- **Fast learning - Teamwork - Strong work ethic - People and interpersonal skills - Adaptability - Problem-solving skills and**
- **critical thinking - Self-learning - Time management - Accountability - Self-awareness - Emotional intelligence.**