Sergio Rodriguez

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PROFESSIONAL SUMMARY

Quality and Continuous Improvement Professional with over 10 years' experience working for OEM's in Mexico and Germany. Strong commitment to data-driven decision making. Highly creative problem-solver with a track record of developing innovative solutions. Strong verbal and written communication skills; works well when collaborating with others or independently. Recently added coding to my set of skills as a key tool to best leverage my insight from the manufacturing world -needs and opportunities- and translate it into value creating solutions.

TECHNICAL SKILLS MANUFACTURING

Quality Core Tools, Lean Manufacturing, Six Sigma Black Belt, Quality Systems Audit, Manufacturing Technologies and Fabrication Processes, and Root Cause and Problem-Solving Analysis.

TECHNICAL SKILLS CODING

Node.js, ReactJS, JavaScript, jQuery, Git, MySQL, MongoDB, Firebase, HTML, CSS, Bootstrap, APIs, JSON, REST, AJAX, the command line, computer science fundamentals, writing tests.

PROJECTS – CODING BOOTCAMP

Klewert FERT-MOD| Node.js, ReactJS, Express, Passport, MongoDB | **GitHub** | **Heroku App**   **Solo Project**
Web application for Production Control Management System for small manufacturing companies.
- Create and manage production orders during the production lifecycle.
- Collect stats of the production orders.
- Display basic stats in graphically.
- Convert basic stats into KPIs for the business.

Resume Build | Node.js, Express, Passport | **GitHub** | **Heroku App**   **Teamwork Project**
Web application for creating, customizing and styling a Resume.
- Allows user registration, authentication and session management to handle their sensitive information.
- Dynamically post and get the users different information categories i.e. experience and skills.
- Utilizes pdfmake to generate a file with all of the user's information in a resume ready format.
- Provides users with two templates to choose from to create their Resume.

Beer Hunters | HTML, CSS, JavaScript, REST APIs | **GitHub**   **Teamwork Project**
Front-end application to search for beers and getting detailed information
- Allows users to get a randomly selected beer from an API and display all its relevant information.
- Allows users to search for beers either from their locations or they defined categories and display relevant information.

PROFFESIONAL EXPERIENCE

UTC Aerospace System   4/2017 - 10/2018
Supplier Development Engineer
- Improved **O**n **T**ime **D**elivery and Backlog by executing burn down plan for backlog orders for critical Mexican based supplier.
- Developed Mexican supply base to reach performing level under the UTC standards.

SIEMENS AG   4/2010 - 9/2015
CI Manufacturing Project Leader
- Completed Strategic Manufacturing Technology Roadmap for the Low Voltage Products division.
- Key agent for the development of an SAP based Tool Database for all manufacturing fixed assets (i.e. plastic injection molds and stamping dies) for the Low Voltage Products division.

HILL ROM   2/2008 - 3/2010
Sr. Supplier Quality Engineer
- Completed relocation of 60% of total spend for Plastic purchased components to Mexican based suppliers.
- Selected and Approved the Mexican supply base for the Plastics, Electro-mechanical and Electronics commodities.

EDUCATION

ITESM Tecnológico de Monterrey   2/2019 - 8/2019
Coding Boot Camp – Full Stack Web Developer

EGADE Business School
UNC Charlotte Belk College of Business   8/2009 - 4/2011
MBA Global Business Strategy – Dual Degree Program

UDEM Universidad de Monterrey   8/1997 - 12/2002
Industrial Engineering