

# Sergio Rodriguez

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## PROFESSIONAL SUMMARY

Over 10 years of experience as a Quality and Continuous Improvement Professional for manufacturing companies 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, Express, JavaScript, jQuery, GIT, GitHub, MySQL, Firebase, HTML, CSS, Bootstrap, APIs, JSON, REST, AJAX, the command line, computer science fundamentals, writing tests.

## PROJECTS

**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 prepared 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 all relevant information.

## EXPERIENCE

**UTC Aerospace System**

4/2017 - 10/2018

*Supplier Development Engineer*

- Improved **On Time Delivery** 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

*Manufacturing Engineering Project Leader*

- Completed Strategic Manufacturing Technology Roadmap for the Low Voltage Products division.
- Key agent for the development of a 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