

Martinsville, VA, 24112
(276) 229-7163
marc.rivera.business@gmail.com
<https://marcrivera.portfolial.com/>

Marc Logen Rivera

PROFESSIONAL SUMMARY

An esteemed Navy Sailor with over 8 years of extensive experience in quality management, utilizing strategies to achieve objectives in optimization, and project management within both military and public sector settings. Skilled in employing quality engineering techniques, 5S, and continuous improvement to enhance processes and drive successful outcomes. Proficient as a program overseer who conceptualized, executed, and built three \$485 million US Warships, and two \$117 million F-35C. Tasked with the oversight of multi-million-dollar annual budgets, alongside the management of process control, and waste reduction. Positioned to harness expertise in process enhancement, logistical planning, and leadership acumen to propel organizational objectives forward.

SKILLS

- **Compliance & Quality:** ISO 9001, ISO 14001, Quality Management Systems (QMS), Environmental Compliance, Risk Management Frameworks, Regulatory Standards Understanding.
- **Simulation & Modeling:** Computational Fluid Dynamics (CFD), Finite Element Analysis (FEA), Process Simulation, Optimization Algorithms.
- **Process Optimization:** Lean Manufacturing, Six Sigma, Statistical Process Control (SPC), Kaizen, 5S Methodology, Root Cause Analysis.
- **Engineering Software:** MATLAB (Proficient), AutoCAD (Proficient), SolidWorks (Advanced), Aspen HYSYS, ANSYS, Microsoft Office Suite
- **Leadership & Volunteering:** Volunteer Process Engineer for Engineers Without Borders (2018-Present), Volunteer Ferrum Fire Department (2016-present)

Certifications

Lean Six Sigma - Green Belt, M&SI August 2023

ISO 9001:2015/AS9100:2016, NQA August 2023

Quality Inspector Certification, ASQ November 2023

Quality Process Analyst Certification (COPA), ASQ February 2023

Certified Government Financial Manager (CGFM), AGA March 2023

Certified Professional Contract manager (CPCM), ASCM December 2020

Certified Production and Inventory Management (CPIM), ASCM August 2019

EXPERIENCE

Howmet Aerospace – *Process Engineer - F-35 Joint Strike Fighter*

June 2023 – Jan 2024

- Streamlined production processes by utilizing lean management principles, leading to a 15% reduction in waste.
- Trained and supervised a team of four junior quality technicians, enhancing team productivity and knowledge in quality standards.
- Performed on-site audits, documenting processes, design modifications, and the implementation of multiple control systems through detailed technical narratives using Allen-Bradley and SAP software.
- Incorporated statistical process control to monitor key manufacturing processes, improving operational efficiency by 30%.
- Optimized assembly line operations and reduced production bottlenecks, improving production rate by 20% and saving \$750K per year.
- Implemented innovative predictive maintenance technologies, reducing machine downtimes by 30%.

United States Navy – *Quality Technician - Ship Builder*

April 2019 – June 2023

- Successfully managed a \$2.5M budget, completing all projects on time and up to 15% under budget.
- Used CAD software for detailed production planning, increasing manufacturing efficiency by 5%.
- Increased site safety by designing and implementing comprehensive risk assessment protocols, decreasing incident rate by over 60%.
- Streamlined the quality inspection process, increasing overall efficiency by 30% while maintaining a 99% quality compliance rate.
- Improved processes through use of Six Sigma methodologies, resulting in 20% reduction in production downtime.
- Collaborating with Commercial and Operational Managers to enhance business, customer, and product performance reporting.

National Security Agency – *Program Manager - Collateral duty*

Feb 2022 – June 2023

- Orchestrated the creation of budgets and strategic plans for the day-to-day operations of a \$300 million company.
- Collaborated with operational managers to craft financial budgets, incorporating a rolling forecast for proactive decision-making.

- Upheld compliance with federal and national tax and customs regulations (DIAN), safeguarding the financial integrity of the company.
- Worked closely with the CEO and top executives on pivotal transactions, including acquisitions, joint ventures, partnerships, and mergers.
- Spearheaded the development of forecasting models to scrutinize and identify lucrative business ventures.
- Managed core financial processes, overseeing vendor setups, administering bank accounts, and supervising account reconciliation.

Language

- Russian - speaking proficient

References

United States Navy Senior Chief (E-8)

Mentor and Supervisor

LSCS Jones, Elliot

elliott.l.jones1@navy.mil

(904) 888-4623

United States Air Force Lieutenant Colonel (O-5)

Instructor and Supervisor

LT COL. Rodman, Bill

bill.rodman.mil@us.af.mil

Mentor and Supervisor

Isaiah Perez

(239) 383-0017